INSPECTION REPORT

Whittaker-Bermite CEI
22116 W. Soledad Canyon Road
Saugus, CA 91350

CAD 064573108

Inspected by: Barron J. Peeler, Associate Hazardous Materials Specialist,
California Department of Health Services

David Schwartzbart, Hazardous Materials Specialist,
California Department of Health Services

Date of Inspection: June 7, 1988

Date of Report: June 22, 1988

I. PURPOSE

To conduct an annual RCRA Compliance Evaluation Inspection (CEI).

II. FACILITY REPRESENTATIVES PRESENT

John Peloquin, Closure Consultant & Environmental Engineer
Glenn Abdun-nar, Manager
Tim Briker, Hazardous Materials Specialist

III. FACILITY DESCRIPTION AND BACKGROUND

The Bermite division of the Whittaker Corporation consisted of large concrete buildings used for mixing, construction, storage and shipping of explosives. Hazardous wastes are no longer generated, treated or stored on the property as the facility is undergoing closure. At the time of inspection Bermite staff consisted of at most six (6) people and most of the buildings (approximately 350) had been torn down. Surface Impoundments 317 and 342 have been removed and are presently undergoing closure activities (soil borings, trenching sampling and analysis etc.) as is the rest of the facility. Analysis indicate that Surface Impoundment 317 appears to have soil contamination of mainly volatiles. Extent of contamination has not been determined. All RCRA storage or treatment units have been cleaned and left un-razed until final closure is certified. Thus far, six (6) RCRA units have been certified clean closed. They consist of three (3) metal storage magazines and three (3) wooden portable storage buildings.

IV. WASTE STREAMS AND WASTE MANAGEMENT PROCEDURES

Facility is no longer operating.

V. OBSERVATIONS

An extensive tour of the facility was made viewing and discussing all of the RCRA units planned for formal closure. Areas (RCRA) observed were 1) Building 223, 2) Lead Azide Unit, 3) Metal Storage Magazines, 4) Building 236, 5) Wooden Storage Building, 6) Burn Pit Area, 7) Surface Impoundment #342, 8) Surface Impoundment #317 and 9) East Fork Area. Also, inspectors reviewed records of personnel training, and waste management practices (Safety Plan-Attachment 1) in which the facility is currently operating under. Facility representatives were unable to provide inspectors with the Biennial Report and the revised Closure/Post-Closure Cost Estimates at the time of inspection. Mr. Peloquin stated that he will submit to DHS copies of each item. Inspectors also reviewed hazardous waste manifests for 1987 and 1988.

DATE 6/7/88

CA D064573108

INSPECTOR BP/DS

During shut down of the facility, various wastes were manifested. These hazardous wastes included 1) contaminated soil (volatiles), 2) explosives, 3) waste flammable liquids, 4) waste halogenated organics, 5) waste oxidizers, 6) waste solids and 7) pesticides. Manifest appear to be in order.

VI. POTENTIAL VIOLATIONS

There are no violations noted at the time of inspection.

VII. DISCUSSION WITH MANAGEMENT

Inspectors reviewed manifests, site safety plan, and other hazardous waste documents such as personnel training, closure plan modifications (Burning Ranges, Lead Azide Neutralizing Tanks and Surface Impoundment #342), and the Facilities compliance schedule for Surface Impoundment #317. According to management, ground water monitoring is presently being initiated in Surface Impoundment #317. Management is attempting to find the extent of soil contamination in Surface Impoundment #317. Ground water contamination has not been found at this time.

According to management, operations including hazardous waste storage ceased on April 4, 1987. Contaminated soil had been manifested from Surface Impoundments #317 to Casmalia for disposal soon after operations closed. It has been determined that soil contamination consist mainly of volatile organics, namely trichloroethylene and tetrachloroethylene, therefore, contaminated soil is presently being spread over concrete for treatment (aeration) of volatiles. The Facility has been granted a variance from DHS and SCAQMD to treat the soil. Soil is sampled and analyzed on a regular basis. Management stated that they will submit to DHS a copy of the Biennial Report and the most recent closure/post closure cost estimate for review.

VIII. ATTACHMENTS

1. Site Safety Plan
2. Facility Safety Statement dated 11/16/87
3. Inactive Facility Checklist
4. Notes
5. Pictures

DATE 1/7/88

CA D064573108

INSPECTOR BP/DS

SAFETY PLAN

BERMITE DIVISION

WHITTAKER CORPORATION

DATE 6/7/88

CA D064573108

INSPECTOR BP/DS

SAFETY STATEMENT

I have read and understand the Safety Plan for the soil characterization, hydrogeological assessment, and preliminary groundwater monitoring plans at the Bermite facility. I will follow all provisions of this safety plan during the performance of my duties/visits at the job site. I have also received all safety training in the areas specified in the Safety Plan.

Signed_____ Date_____

Company_____

DATE 6/7/88

CA D064573108

INSPECTOR BP/DS

SAFETY PLAN

TABLE OF CONTENTS

A. Emergency Information and Procedures

1. Emergency Telephone Numbers

All emergency telephone numbers will be posted at the job site. Use the telephone numbers to report an emergency and request assistance.

Name	Telephone #
Bermite Main Gate	805-259-2241
Ambulance or General Emergency	911
Fire	911

2. In Case of an Accident or Hazardous Incident

Incident reporting procedures are listed below. Perform in order indicated.

a. Call Mr. John Peloquin, Site Manager, 259-2241, to report accident/incident. Give information in format outlined in section 3 below.

b. Call Mr. Norm Wenck, Project Manager, Wenck Associates, Inc., 612-475-0858 to report accident/incident. Wenck's home phone number is 612-544-4901.

c. Complete written accident/incident report, using format below, and send to designated offices.

3. Accident/Incident Report Format

Supply information outlined below, utilizing the form in Appendix D of the Safety Plan.

* Name, organization, telephone number, and location of contractor

* Name and title of person(s) reporting

* Date and time of accident/incident.

* Location of accident/incident

* Summary of accident/incident giving pertinent details including type of operation ongoing at time of accident

* Suspected/known cause of accident/incident

* Number, names, and titles of people involved, witnesses, etc.

* Casualties (fatalities, disabling injuries)

* Details of any existing chemical hazard or contamination

* Details of any existing chemical hazard or contamination

* Estimated property damage, if applicable

* Nature of damage; effect on contract schedule

* Action taken by contractor to ensure safety and security

* Other damage or injuries sustained (public or private)

4. Distribution of Written Accident/Incident Report

ADDRESS	NUMBER OF COPIES
John Peloquin, Site Manager Bermite Division Whittaker Corporation 22116 West Soledad Canyon Road Saugus, California 91350	2
Norman C. Wenck, Project Manager Wenck Associates, Inc. 832 Twelve Oaks Center 15500 Wayzata Boulevard Wayzata, Minnesota 55391	1

B. Introduction

1. Responsible Individuals

The following project personnel and their safety responsibilites are identified below:

* WAI's Corporate Safety Officer is Mr. Norman Wenck, telephone 612-475-0858. Mr. Wenck has responsibility for overall contractor safety policy, planning, execution, and auditing. He has authority to halt project activities for safety reasons.

* WAI's Project Manager is Mr. Norman Wenck, telephone 612-475-0858. Mr. Wenck has responsibility for assuring that this safety plan is implemented. He has authority to halt project activities for safety reasons.

Mr. John Peloquin, of Bermite Division, Whittaker, is the Site Safety Officer (SSO) for the on-site activities at Bermite. Mr. Peloquin will plan and supervise specific safety activities at Bermite in close coordination and in compliance with policies established by Bermite and this safety plan. Mr. Peloquin has the authority to halt on-site operations in the case of safety violations.

2. Scope and Applicability

This safety plan applies to all prime and subcontracted personnel working on this assignment and to visitors to project work sites. All affected personnel will be required to sign a statement to the effect that this document has been reviewed and understood prior to commencement of on-site activities and/or visits to the study sites. There are no exceptions.

3. Purpose

The purpose of this safety plan is to protect personnel involved in the construction of wells and the soil and water sampling.

4. Assumed Hazards

The following minimum hazards have been identified at the site for the purposes of this safety plan.

* Fire - Combustible (solvents), phosphorus
* Explosion - Solvents and dry phosphorus
* Toxic/Hazardous Materials - Halogenated solvents.
* Snake Bite - Several species indigenous to area.
* Extreme Weather - Hot weather conditions.
* Chemical Handling

5. Safety Plan

This safety plan describes specific procedures for minimizing hazards and responding to emergency (accident/incident) situations. In particular, this plan addresses four major areas:

* Emergency response.
* Security procedures.
* General field safety procedures.
* Specific field safety procedures.

The plan also addresses training requirements, personnel responsibilities, testing safety, decontamination/disposal, symptoms of exposure, and site-specific precautions.

This safety plan will be implemented in accordance with all applicable standards and codes - Federal, state and local. In addition, the plan will be revised, if needed, based on additional site information and changes in field conditions/activities.

C. General Field Safety Procedures

Safety is the responsibility of every individual involved in field efforts. Properly-followed procedures are essential to safeguard personal safety and property and minimize lost time due to accidents.

Soil and water sampling and well drilling operations will be conducted in the designated areas. It has been determined, based upon previous studies, that halogenated solvents have been disposed of in this area.

Potential hazards while working at the site include, but are not limited to:

* Fire caused by ignition of combustible solvents and phosphorus.
* Explosion caused by violent combustion of solvents.
* Exposure to toxic or harmful substances such as TCE.
* Hot Weather conditions at the site.
* Safety hazards associated with handling chemicals.
* Indigenous snake species.

This safety plan presents procedures and requirements designed to reduce these hazards and minimize their impact on personal safety and task completion.

1. Emergency Response

A site-related emergency is defined as fire, explosion, accident, illness, or exposure to hazardous substances. The response to an emergency situation is three-fold: obtaining assistance, containing/treating the problem, and reporting the incident.

2. Obtaining Assistance

Prior to commencing work, the site manager will ensure that the telephone is functioning correctly and will inform each field team member of its exact location. An assistance directory shall be posed at all telephone locations.

3. Health-Related Emergency Procedures

In case of a health-related emergency, appropriate first aid will be applied by personnel at the site (see Appendix C) until medical assistance arrives. In the event of exposure to hazardous materials, the victim may be moved away from the contaminated area, then treated. In case of snake bite, the victim will be kept calm and medical assistance summoned.

Recognition of symptoms of exposure to toxic or hazardous materials is important in determining if exposure has occured. Specific symptoms and emergency procedures for responding are summarized below (see Appendix B for the Hazardline Printouts for major chemicals found at the site).

4. Trichloroethylene (TCE) and Other Halogenated Solvents

TCE is one of a family of halogenated solvents that are utilized in metal fabrication and degreasing operations. Chronic inhalation and/or absorption of TCE can adversely influence the central nervous system as well as irritate the respiratory tract. To prevent such exposures, vapor-resistant coveralls and full-face respirators will be worn when concentrations in the breathing zone are detected through air monitoring equipment above the threshold limit value (TLV) for TCE (American Conference of Governmental Industrial Hygienists - ACGIH - level of 50 ppm).

If the skin becomes contaminated directly, the exposed area should be promptly and thoroughly washed with clean water. Any non-impervious clothing that becomes contaminated will be promptly removed; areas of potential skin contact will be flushed with water. Eyewash solutions or generous amounts of clean water will be used in the event that contaminated materials get into the eyes.

Symptoms of exposure to these compounds include irritation of nose, throat, and lungs; headache; weakness; dizziness; shortness of breath; skin irritation; and eye irritation. In addition, narcotic properties can result in cardiac failure in cases of acute exposure. If any team personnel suffer symptoms that persist for more than a few minutes, the team will evacuate to a safe area immediately and promptly seek medical attention.

5. Fire/Explosion Emergency Procedures

In the event that a fire or explosion occurs during field operations, all injured personnel will be evacuated from the area of danger and the local Fire Department will be notified. A water truck will be kept at the site for emergency use only. This water will not be allowed to be used for drilling operations.

6. Field Team Personnel

The field team consists of a Site Safety Officer (SSO) or site manager and between 2 to 5 construction/testing personnel. There will be a minimum of two persons at any site while construction activities are conducted.

Duties of the Site Safety Officer (SSO) include, but are not limited to:

* Supervision of field execution of this safety plan.
* Establishment and maintenance of liaison with local safety authorities.
* Monitoring execution of proper decontamination.
* Completion/supervision of an initial safety sweep (i.e., for volatile organics and combustible gases) of the work area. A safety sweep shall include monitoring of all work areas to establish personnel protection requirements and potential changes in the Safety Plan.
* Performing periodic audits of subcontractor implementation of their safety programs. Subcontractor safety plans shall conform to this one, at a minimum.

The SSO must have a minimum of twelve hours of formal safety training and have been trained at all levels of protection. The SSO must be trained to perform FIT testing and to train others on the proper use of safety clothing and respirators.

In addition to the primary health and safety activities, the SSO provides secondary support to the sampling team as well as documentation of field activities.

The SSO will notify WAI's Corporate Safety Officer of all health and safety-related problems in the field. Health and safety incidents will be reported immediately to Bermite officials.

7. Training

All personnel who will work on the Bermite site will have received general and site-specific safety training prior to going onto the site. WAI's Corporate Safety Officer is responsible for guaranteeing that all training requirements have been met. The SSO will be responsible for verifying that all safety training requirements have been met and are practiced during the study.

Appropriate training and orientation will be conducted by WAI's Corporate Safety Officer. Topics include:

* Use, maintenance, and decontamination of protective clothing.
* Use, maintenance, and decontamination of safety equipment.
* Corporate safety policies and procedures, including medical examination and respirator-fit testing prior to visiting the site, as prescribed under 29 CFR 1910.
* Site-specific procedures, points of contact, and site requirements.
* Emergency response.
* Review of safety aspects of sampling operations.
* Hazards of TCE, and other compounds that may be encountered.

WAI's Corporate Safety Officer has completed a 20 hour formal safety training course, is trained at all levels of protection and has six years experience as a Corporate Safety Officer.

8. Safety Equipment

EPA Protocol for Level C safety protection will be provided for all on-site personnel unless otherwise demonstrated to be inapplicable (e.g., from changes in field conditions). This level of protection has been selected for this project because the type(s) and concentrations(s) of respirable material can be protected against using air-purifiying respirators and contaminant-resistant clothing.

Personal protective equipment that will be worn at all times by personnel at the site during construction operations include:

* Steel-toed boots.
* Nitro-buna rubber gloves (outer).
* Cotton cloth coveralls.
* Hard hats.
* Safety glasses with side-shields or goggles.

Cotton gloves may be worn over the chemically-resistant gloves as necessary. These outer gloves will be considered to be contaminated and will be disposed of accordingly. Pants legs will be worn outside of boots.

Level C respiratory protection (full face, air purifying respirators that NIOSH approved) will be provided to all workers. The protective canisters to be used will protect against organic vapors, dusts, and mists. The respirators will be stored onsite at all times and will be used during activities that may generate dusts or mists of potentially-contaminated materials. Respirators will be put on at the first sign or suspected sign of free contaminated material (observation, odor, or taste detected).

9. Standard Operating Procedures for Respirator Use

Standard operating procedures for respirator use are as follows:

* The use and maintenance of all respirators will be in accordance with the manufacturer's instructions. Only NIOSH-approved respirators will be used. New canisters should be used daily or at any notice of a breakthrough odor. Disposal of spent canisters will be per manufacturer's recommendations under direction of the SSO.

* Full-face canister respirators will be worn at the sampling site at the time of any hazardous material release. This includes all soil boring activities, equipment shakedown, and any other period when air monitoring results require personnel protection.

* Canisters will be discarded whenever contaminants are sensed within the respirator by the wearer, but at least after 8 hours of actual use.

* No one will use a respirator in the field without prior qualitative fit testing and training by someone familiar with its proper use.

* Users will clean respirators after use in an area where hazardous material was known or suspected of being released during sampling activities. Users will clean respirators weekly and before the final return of their equipment. Instruction in the care and maintenance of the respirators will be mandatory for all personnel (See Appendix A for cleaning, care and storage instructions).

* When not in use, respirators will be stored in a clean container at a designated location.

* Users will inspect canister's respirators for worn or defective parts daily. A written record of this inspection will be kept by the Site Safety Officer.

* Surveillance by the Site Safety Officer will ensure that respirators are properly used and maintained.

* Beards will not be worn by anyone working at the site since beards prevent proper face sealing of respirators.

* No material will be used to "enhance" or "improve" respirator face seal (i.e., petroleum jelly, etc.).

* Contact lenses and glasses will not be worn when respiratory protection is required.

* Contact lenses will not be worn on the site.

10. Additional Safety Equipment

Extra safety equipment will be located at Bermite's office. This equipment will include the following items:

* Hard hats.
* Respirators (full-face).
* Respirator cartridges.

* Disposable protective suits.
* Nitro-buna rubber gloves
* Boots.
* Ear protectors.

A first-aid kit and an eye wash will also be located at the site. Workers shall be informed of the location of such equipment at the beginning of each day.

Additional equipment that will be kept on-site includes:

* Fire extinguishers
* Disposable hand towels
* Paper towels
* Buckets
* Garbage bags for contaminated/discarded materials

D. FIELD PROCEDURES

1. Proper Conduct

Project members will conduct themselves in a professional manner at all times. The following restrictions will be observed:

* Horseplay or fighting is prohibited
* Working while under the influence of intoxicants, narcotics, or controlled substances is prohibited.
* Firearms, ammunition, and fireworks or explosives are prohibited
* Smoking is prohibited
* Loose clothing will not be worn on-site. Long hair will be worn "up" inside hard hat

All personnel working in the field will follow these rules and procedures:

*Designated safety equipment will be worn at all times. No person will be permitted in the construction area without the proper safety equipment, as outlined in Subsection C-8.

* No eating, drinking, chewing gum, or chewing tobacco will be permitted in the immediate vicinity of the construction area. Gloves will be removed and hands and forearms will be washed before eating or drinking. If lunch is to be eaten at the site, it will be eaten only at the designated areas located away from the immediate area of the site.

* A "Safe" area will be designated where drinking water and washing facilities will be available.
* A minimum of two people will be on-site during all operations. If level C protection is in use, one additional person will be located within the line of sight in a "safe" area.
* Additional safety equipment will be put on at the first sign or suspected sign of free hazardous material (odor or taste detected, symptoms of exposure). At such times, the activities will be halted until all crew members are notified and proper safety precautions are followed.
* A first aid kit, eye wash, and a fire extinguisher will be available on site at all times.
* Hard hats will be worn at all times at the test site except inside trailers.

2. Bermite Prohibited Materials

Carrying or having possession of any firearms, alcoholic beverages, or controlled substances is prohibited. No person will be permitted to enter Bermite in any degree of intoxication.

Smoking is not permitted in unoccupied areas or buildings even though such locations are not marked restricted. These areas are not under close watch and fires may gain considerable headway before being discovered.

3. Inspections

The SSO will inspect all safety equipment daily for the following:

* Nicks, cuts tear, etc. in boots and gloves
* Presence of all respirator fasteners and valves.
* Persistent stains.

Any piece of safety equipment that is not in order will be decontaminated, repaired, and/or disposed of properly by the SSO.

The SSO will keep written records of all inspections.

All persons, equipment, and vehicles are subject to search by Bermite security at any time for unauthorized or contraband articles.

4. Housekeeping

Work areas will be kept clean and orderly at all times.

5. Subcontractors and Other Site Visitors

All subcontractors and site visitors will be required to follow, at a minimum, all safety procedures identified in this safety plan. All subcontractors must submit notification to WAI's Corporate Safety Officer, prior to arrival at the site.

Upon arrival or prior to arrival at the site, the SSO will require all subcontractor personnel and other site visitors to read in its entirety and sign the accompanying safety statement in this safety program. In addition, prior to issuance of safety equipment to any personnel, a liability statement must be signed waiving responsibility for certification of said equipment and any liability which may result from the use of the issued equipment.

The SSO will audit the safety procedures utilized by subcontractors; however, subcontractors have responsibility for establishing their own safety procedures which, at a minimum, must meet those identified in this plan. If at any time, the SSO determines that improper safety procedures are being implemented or dangerous site conditions exist, then he is authorized to stop all work at the site.

E. SPECIFIC FIELD SAFETY PROCEDURES

1. Well Installation

The SSO will monitor at least daily the release of vapors at the site utilizing an Organic Vapor Analyzer (OVA) equipped with a flame-ionization detector (FID) and, based upon the following criteria, adjust respiratory protection accordingly.

Level	Reading (ppm as TCE)
Level A	Greater than 500 ppm
Level B	50 to 500 ppm
Level C	Background to 50 ppm
Level D	No significant reading above background

Contact lenses will be prohibited at all times on-site.

2. Operation and Sampling

The area of concern relates to inhalation of chlorinated solvents. Specific procedures to be followed by site activity are summarized in the following sections.

3. System Shakedown Operations

Full face mask respirators with organic vapor canisters (Level C) will be worn. The SSO will monitor weekly for the release of organic vapors at the site utilizing a OVA-FID and, based upon the criteria identified in Section 1, adjust respiratory protection accordingly.

4. Noise Protection

At the discretion of the SSO, ear protectors will be worn, based on ambient noise levels.

F. REVISION OF THE HEALTH AND SAFETY PLAN

This safety plan for the Bermite RCRA Closure may be revised, as necessary, based on results of the monitoring during system operation or changes in field procedures due to an incident(s), changes in sampling requirements, etc.

Prior to any site activity, assessment will be made of the hazard potential of the site. This will be performed by the SSO in the following manner:

* An instrumental sweep (using organic vapor analyzer) will be made of site to identify the existence of volatiles.

As field activities proceed, the Safety Plan may require revision based on changes in test plan requirements. Changes that may affect the Safety Plan include, but are not limited to:

* Types of activities performed.
* Testing and data acquisition procedures.
* Toxic levels of contaminants.

The occurrence of health and safety incidents at the site, while not anticipated, can also affect the requirements set forth in this plan. Appropriate revisions will be incorporated based on the SSO's recommendations concerning an incident(s).

All revisions to the Safety Plan will ensure that the health and safety of the field team and field operations will not be compromised. All proposed revisions will be approved in writing by WAI's Corporate Safety Officer and appropriate Bermite officials. If immediate changes are required, approval will be received verbally followed by notification of approval in writing within 48 hours.

DATE.....

CA D064573108

INSPECTOR.....

SAFETY STATEMENT

I have read and understand the Safety Plan for the soil characterization, hydrogeological assessment, and preliminary groundwater monitoring plans at the Bermite facility. I will follow all provisions of this safety plan during the performance of my duties/visits at the job site. I have also received all safety training in the areas specified in the Safety Plan.

Signed Pat Arman Date 11-16-87

Company P+A Backhoe Svcs.

SAFETY STATEMENT

I have read and understand the Safety Plan for the soil characterization, hydrogeological assessment, and preliminary groundwater monitoring plans at the Bermite facility. I will follow all provisions of this safety plan during the performance of my duties/visits at the job site. I have also received all safety training in the areas specified in the Safety Plan.

Signed Gregory W. Smith Date 11/16/87

Company WAI

INDEX FOR INACTIVE FACILITIES

DATE 6/7/88

CA D064573108

INSPECTOR BP/DS

Subpart & Page	Content	Date:
265:		
B3	Security	
B3	General inspection requirements	
B4	Personnel training	
C1	Preparedness-equipment & alarms	
D1	Contingency plan	
D2	" - emergency coord. & proceedure	
D4	" - reporting	
E2	Operating record	
E3	Biennial report	
F3	Facilities affecting GW quality	
G1	Closure plan	
G4	Post-closure plan	
G5	Closure activities	
G6	Closure certification	
G7	Post-closure certification	
H1	Closure cost estimate - ~~Not at~~ Norm Wenck of Wenck Associates has cost estimate. Not present at the inspection.	
H2	Financial assurance for closure	
H3	Post-closure care cost estimate	
H4	Financial assurance for post-closure	
I1	Containers (S01)	
J1	H.W. Tanks (S02)(T01)	
J11	" - closure and post-closure	
K1	Surface impoundments (S04)(T02)(D83)	
L1	Waste piles (S03)	
M1	Land Treatment (D81)	
M1	" " - unsaturated zone monit.	
M4	" " - closure and post-closure	
N1	Landfills (D80)	
N5	" - closure and post-closure	
O1	Incinerators (T03)	
P1	Other Thermal treatment (T04)	
Q1	Chemical/physical/biological (T04)	

Facility: Whittaker - Bermite Division
2216 Soledad Canyon Rd
Saugus, CA 91350

General Facility Standards:
(Part 265 Subpart B)

DATE 6/7/88

CA D064573108

INSPECTOR BP/DS

	Yes	No	Comments
Unless exempt under 265.14(a)(physical contact or disturbance of the waste and unit will not cause harm), do security measures include:			
A 24-hour surveillance system? 265.14(b)(1) or:	✓		
Artificial or natural barriers that complete enclose the facility? 265.14(b)(2)(i) and:	✓		
Means to control entry onto the active portions of the facility at all times? 265.14(b)(2)(ii)	✓		For
Are signs with the legend "Danger-Unauthorized Personnel Keep Out" or equivalent posted that are: 265.14(c)			
At each entrance and any other approach to active portions of facility?	✓		
Legible from at least 25 feet away?	✓		
Written in English and any other language predominant in the surrounding area?	✓		
General Inspection Requirements:			
Does the facility inspect for malfunctions, deterioration, operator errors, and H.W. discharges often enough to correct problems before they cause harm? 265.15(a)		N/A	Facility is inactive however facility inspectors tour the facility for deterioration twice a day
Does the facility follow a written inspection schedule? 265.15(b)(1)			
Is the schedule kept at this facility? 265.15(b)(2)			
Does the schedule identify types of problems that are expected from malfunction, operator error, deterioration or discharges of all: 265.15(b)(3)			
monitoring equipment?			
safety, emergency equipment?			
security devices?			
operating and structural equipment?			

DATE 6/7/88

General Facility Standards: - Continued (Part 265 Subpart B)

CA D064573108

INSPECTOR RP/DS

	Yes	No	Comments
Do new personnel complete the training within 6 months? 265.16(b)	✓		Part of Safety Plan dated 11/15/87
Do personnel take part in an annual review of the initial training? 265.16(c)	✓		
Do personnel training records include for each H.W. position: 265.16(d)-			
(1) Job title and name of person filling the position?		✓	
(2) Job Description?		✓	
(3) Description of required H.W. training?		✓	
(4) Documentation that H.W. training or job experience required has been completed?	✓		According to Ms. Pelaquin
Are training records kept for current employees until closure, and past employees for at least three years? 265.16(e)	✓		

Preparedness and Prevention: (Part 265 Subpart C)

Did the facility document in the operating record any refusal by State or local authorities to enter into such arrangements? 265.37(b)			N/A

DATE 6/7/88

CA D064573108

INSPECTOR BP/DS

Contingency Plan and Emergency Procedures:
(Part 265 Subpart D)

Refer to the Safety Plan dated 11/15/87

	Yes	No	Comments
Does the facility have a contingency plan designed to minimize hazards from fires, explosions, or any unplanned releases of H.W. or H.W. constituents? 265.51(a)	✓		
Does the plan describe actions personnel must take to comply with 265.51 and 265.56 responses? 265.52(a)	✓		
Does the plan describe the arrangements agreed to in 265.37? 265.52(c)	✓		
Does the Plan list the current names, addresses, and phone numbers (office & home) of all persons qualified to act as emergency coordinators? 265.52(d)	✓		
Does the plan name one person as primary emergency coordinator and list any others in order of responsibility? 265.52(d)	✓		
Does the plan list all emergency equipment including the location and physical description of each item on the list and a brief outline of its capability? 265.52(e)		✓	
Does the plan include an evacuation plan for personnel and a description of signals to begin evacuation, evacuation routes and alternate routes? 265.52(f)	✓		
Is the plan maintained at the facility? 265.53(a)	✓		Safety Plan
Has the plan been submitted to all local emergency organizations that may be called upon in responses? 265.53(b)			Not inspected
Has the plan been reviewed and immediately amended whenever: 265.54-			
(a) Applicable regulations are revised?	✓		According to Mr. Peloquin
(b) The plan fails in an emergency?			N/A
(c) Facility changes required it?			N/A

DATE 6/2/88

Contingency Plan and Emergency Procedures: - Con't (Part 265 Subpart D)

CA D064573108

INSPECTOR DP/DS

	Yes	No	Comments
(d) The list of emergency coordinators changes?			NA
(e) The list of emergency equipment changes?			NA
Is there at all times at least one employee at the facility, or close by and on call, designated as emergency coordinator? 265.55	✓		
Is this coordinator thoroughly familiar with all aspects of site operations, including locations and characteristics of waste handled, the locations of records, the facility layout, and emergency procedures? 265.55	✓		
Does the coordinator have authority to commit the resources to carry out the contingency plan? 265.55	✓		
Does the contingency plan require, and if an emergency situation has occurred at this facility, did the emergency coordinator immediately:			
Activate alarm systems? 265.56(a)(1)	✓		
Notify the appropriate response agencies? 265.56(a)(2)	✓		
Identify the character, exact source and amount, and real extent of any released materials? 265.56(b)	✓		
Assess the possible direct and indirect hazards from the release, including gases and run-off of fire fighting materials? 265.56(c)	✓		
If assessment indicates the release could threaten harm outside the facility, does the E.C.:			
Report his findings to appropriate authorities if it may be advisable to evacuate the local area, and remain on call to help the authorities decide? 265.56(d)(1)			NA

DATE 6/7/88

Contingency Plan and Emergency Procedures: - Con't.
(Part 265 Subpart D)

CA D064577108

INSPECTOR BB/DS

	Yes	No	Comments
Immediately notify either the government on-scene coordinator or the National Response Center' toll-free line at 800/424-8802? 265.52(d)(2)	___	___	N/A No emergency has taken place at the facility according to manager
Did the report include: 265.52(d)(2)-			
(i) The name and phone # of the reporter?	___	___	___
(ii) Name and address of the facility?	___	___	___
(iii) Time and type of incident?	___	___	___
(iv) Name and quantity of materials involved to the extent known?	___	___	___
(v) The extent of any injuries?	___	___	___
(vi) The possible hazards to the outside area?	___	___	___
During the emergency, does the E.C. take all reasonable measures to minimize the release? 265.52(e)	___	___	___
If the facility had to stop operations to respond, does the E.C. monitor all appropriate equipment? 265.52(f)	___	___	___
After the emergency, does the E.C. immediately provide for the TSD of recovered or contaminated material resulting from the release? 265.52(g)	___	___	___
Does the E.C. ensure that, in the affected areas of facility: 265.56(h)			
(1) Wastes incompatible with the released material are not handled until after clean-up is complete?	___	___	___
(2) All emergency equipment is clean and fit for use before operations resume?	___	___	___
Does the facility notify the R.A., State and local authorities that the above has been done before resuming operations in affected areas? 265.56(i)	___	___	___

DATE 6/7/88

CA D064577708

INSPECTOR SP/DS

Contingency Plan and Emergency Procedures: - Con't.
(Part 265 Subpart D)

	Yes	No	Comments
If the contingency plan has been implemented:			No implementation of the contingency plan
Did the operating record include the date, time, and any details of each incident that required implementation of the contingency plan? 265.56(j)			NA
Within 15 days after the incident, did the facility submit a written report to the Regional Administrator? 265.56(j) and 265.77(a)			
Did the report include: 265.56(j)-			
(1) Name, address and phone # of the owner or operator?			
(2) Name, address, and phone # of the facility?			
(3) Date, time, and type of incident?			
(4) Name and quantity of materials involved?			
(5) The extent of any injuries?			
(6) A hazard assessment?			
(7) An estimate of the quantity and disposition of recovered material?			

Manifest System, Recordkeeping, and Reporting: DATE 6/7/88
(Part 265 Subpart E)

CA D064577708

SPECTOR BP/DS

	Yes	No	Comments
Operating Record:			
Does the facility maintain an operating record? 265.73(a)	___	___	NA Facility is presently going through closure. Presently following a compliance schedule in their Closure Plan
Does the operating record contain the following information:			
Reports detailing all incidents that required implementation of the contingency plan? 265.73(b)(4)	___	___	_____
All closure and post-closure costs as applicable? 265.73(b)(7)	___	/	_____

Manifest System, Recordkeeping, and Reporting: - Cont. DATE 6/7/88
(Part 265 Subpart E)

CA D064577708
INSPECTOR BP/DS

	Yes	No	Comments
Biennial Report:			
Has the facility submitted a biennial report to the RA by March 1 of each even numbered year? 265.75	✓		According to Mr Boiteux, biennial report was submitted to DHS but not at the facility. He will mail DHS a copy of the reports
Was the report submitted on EPA form 8700-13B and did it cover facility activities during the previous calendar year? 265.75	✓		
Does the report include the following information: 265.75-			
(a) EPA identification number, name and address of the facility?	✓		
(b) Calendar year covered by report?	✓		
(c) For off-site facilities, the EPA ID number of each HW generator?		NA	
(d) A description and quantity of each H.W. received and, for off-site facilities, the EPA identification number of each generator listed with this information?	✓		
(e) Methods of treatment, storage, or disposal for each H.W.?	✓		
(f) Ground-water monitoring data under 265.94(a)(2)(ii-iii) and (b)(2)?	NA		
(g) Most recent closure and post-closure cost estimates?	✓		Needs to be verified on submitted.
(h) Signed certification?	✓		" " "

DATE 6/7/88

CA D064[illegible]08

INSPECTOR BP/DS

Ground-Water Monitoring:
(Part 265 Subpart F)

	Yes	No	Comments
If H.W. or H.W. constituents have been determined to have entered the ground water, are determinations of H.W or H.W. constituents continued on a quarterly basis until final closure of the facility*? 265.93(d)(7)		N.A.	Groundwater contamination has not been determine at this point Presently investigating
Were records kept of the analysis and evaluations specified in the ground-water quality assessment throughout the life of the facility? 256.94(b)(1)	/		
If a disposal facility, were (are) records kept throughout the post-closure period as well? 265.94(b)(1)		NA	

* If the program was implemented during the post-closure care period, determinations made in accordance with the ground-water quality assessment plan may cease after the first determination per 265.93(d)(7)(ii).)

DATE 6/7/88

CA D064577308

INSPECTOR BP/DS

Closure and Post-Closure:
(Part 265 Subpart G)

	Yes	No	Comments
Does the facility have a closure plan? 265.112(a)	✓		Date: December 1987
If the plan has not been approved by the EPA, was a copy available on the day of inspection? 265.112(a)	✓		Closure has been approved by DHS. Facility is presently under compliance schedule.
Does the plan identify for the active life of the facility:			Inspector did not review Closure Plan during this inspection
The steps necessary to completely or partially close the facility at any point? 265.112(b)			
How each Hazardous Waste management unit will be closed? 265.112(b)(1)			
How final closure standards (265.111) will be met? 265.112(b)(2)			
The maximum extent of the operation which will be unclosed? 265.112(b)(2)			
An estimate of the maximum inventory of HW ever on-site? 265.112(b)(3)			
A detailed description of the methods to be used during partial and final closure? including: 265.112(b)(3)			
Removing, transporting, treating, storing, and disposal of all HW?			
Identification of and types of off-site HW management units to be used?			
A detailed description of steps for removal or decontamination during partial and final closure? including: 265.112(b)(4)			
Contaminated containment system components, equipment, containers, structures, soils, and HW residues?			
Procedures for cleaning equipment and removing contaminated soils?			
Methods for sampling and testing surrounding soils?			
Testing criteria for determining adequacy of clean-up?			

Closure and Post-Closure: - Continued DATE 6/7/88
(Part 265 Subpart G)

CA D064573108
INSPECTOR BP/DS

	Yes	No	Comments
A detailed description of all other activities neccessary during partial and final closure to satisfy the closure performance standards, including: 265.112(b)(5)		N/A	
Ground-water monitoring?			
Leachate collection?			
Run-on and run-off control?			
A schedule for closure of each HW unit and for final closure of the facility? Does the schedule include: 265.112(b)(6)			
Total time required to close each unit?			
Time required for each intervening closure activity?			
An estimate of the expected year of final closure? 265.112(b)(7) (Unless with an approved closure plan, trust fund, + 20 years left to operate.)			
Has the facility amended the plan whenever affected by changes in: 265.112(c)(1)-			
(i) Operating plans or facility design?			
(ii) Expected year of closure?			
(iii) Problems encountered during partial or final closure?			
Was the amendment made at least 60 days prior to any proposed facility changes, and within 60 days (30 days if already in a closure period) of unexpected changes? 265.112(c)(2)			
If the plan has already been approved, was the amended plan resubmitted to the RA by this deadline? 265.112(c)(3)			

Closure and Post-Closure: - Continued
(Part 265 Subpart G)

DATE 6/7/88

CA D064577708

INSPECTOR CP/DS

	Yes	No	Comments
Does the schedule for closure allow for the following:			NA
Treatment, removal, or disposal of H.W. within 90 days after receipt of final volume of H.W. or after approval of closure plan? 265.113(a)	___	___	___
Completion of closure plan activities within 180 days after receipt of final volume of H.W. or after approval of closure plan? 265.113(b)	___	___	___

If any closure activities have commenced, see page G5.

DATE 6/7/88

CA D0645[illegible]08

INSPECTOR BP/DS

Closure and Post-Closure: - Continued
(Part 265 Subpart G)

Post-closure plan:	Yes	No	Comments
If the facility operates a hazardous waste disposal unit, do they have a post-closure plan? 265.118(a)	___	___	Not inspected
If the plan has not been approved by the EPA, was a copy available on the day of inspection? 265.118(b)	___	___	
If the facility was intending to clean-close a surface impoundment or waste pile and found they are required to close it as a landfill, did they submit a post-closure plan to the RA within 90 days? 265.118(a),(d)(3-4)	___	___	
Does the plan provide for 30 years of post-closure care (unless granted an exemption under 265.118(g))? 265.117(a)(1)	___	___	
Does the plan describe the monitoring activities and the frequency they will be performed to comply with each unit's regulatory requirements? 265.118(c)(1)	___	___	
Does the plan describe the maintenance activities and the frequency they will be performed to ensure: 265.118(c)(2)-			
(i) The integrity of the cap, final cover or other containment devices?	___	___	
(ii) The continued function of the monitoring devices?	___	___	
Does the plan identify the name, address and phone number of the post-closure period contact? 265.118(c)(3)	___	___	
Did the facility amend the plan whenever changes in operating plans, facility design, or events which occur during the active life of the facility affect their post-closure plan? 265.118(d)(1)	___	___	
Was the amendment made at least 60 days prior to any proposed facility changes, and within 60 days of any unexpected changes? 265.118(d)(2)	___	___	
Was the amended plan resubmitted to the RA by this deadline? 265.118(d)(3)	___	___	

	Yes	No	Comments
Closure Activities:			
Deadlines for submission of post-, partial-, and final closure plans:			Closure Plan has been approved by DHS.
If the plans had not been approved, had the facility submitted the plan at least 180 days prior to the expected closure of the first surface impoundment, waste pile, landfill, or land treatment unit? 265.112(d), -118(e)	___	___	Not evaluated
Had a closure plan been submitted 45 days prior to the expected closure of a facility with only tanks, container storage, or incinerator units? 265.112(d)	___	___	
If the closure plan had already been approved, was it resubmitted 60 days prior to the expected closure of any surface impoundment, waste pile, landfill, or land treatment unit? 265.112(d)	___	___	
Was the "expected closure" date within:			
30 days after a H.W. unit received its known final volume of HW? 265.112(d)(2), -.118(e) or:	___	___	
If there was a reasonabe possibility the H.W. unit would receive additional waste, one year since it actually last received a volume of H.W. (unless granted an exemption)? 265.112(d)(2), -.118(e)	___	___	
Was the closure plan submitten within 15 days after termination of interim status for any reason other than being granted a final permit? 265.112(d)(3), -.118(e)(1)	___	___	
Facilities in the process of closure:			
Was all H.W. in the closing unit or facility treated, removed, or disposed of on-site, in accordance with the approved closure plan, within 90 days after receiving either the final volume of H.W or approval of the closure plan? 262.113(a) or:	___	___	
Did the RA approve a longer period? 262.113(a)(1-2)	___	___	

DATE 6/7/88

CA D064522708

INSPECTOR BP/DS

Closure and Post-Closure: - Continued
(Part 265 Subpart G)

	Yes	No	Comments
Facilities that have completed closure activities:			NA closure activities are ongoing
Did the facility complete partial and final closure activities within 180 days after either receiving the final volume of HW or approval of the closure plan; or were they granted an exemption? 265.113(b)	___	___	_____
Have all equipment and structures been properly disposed of or decontaminated by removing all H.W. and contaminated residues? 265.114	___	___	_____
Certification of closure:			
Within 60 days of completion of closure of each surface impoundment, waste pile, land treatment, landfill unit, or final facility closure, has a certification by the owner/operator and an independent registered professional engineer been submitted to the RA? 265.77(c), 265.115	___	___	_____
No later than the submission of the closure certification for each disposal unit, was a survey plat submitted to the RA and local land authority? 265.116	___	___	_____
Was the survey plat prepared and certified by a professional land surveyor?	___	___	_____
Did it indicate the locations and dimensions of landfill cells or other disposal areas with respect to permanently surveyed benchmarks?	___	___	_____
Did it contain a note, prominently displayed, which states the owner's or operator's obligation to restrict disturbance of the HW disposal unit?	___	___	_____
Post-closure notices:			
Has the owner/operator submitted to the RA and the local land authority within 60 days of the certification of closure of each H.W. unit a record of the type, location, and quantity of HW disposed of within each disposal unit since January 12, 1981? 265.74(c), 265.119(a)	___	___	_____

Closure and Post-Closure: - Continued
(Part 265 Subpart G)

DATE 6/7/88

CA D064522708

INSPECTOR BP/DS

	Yes	No	Comments
Within 60 days of certification of closure for the first H.W. disposal unit, and within 60 days of certification of the last H.W. disposal unit, has the owner/ operator: 265.119(b)-			N/A
(1) Placed a record in the deed that will in perpetuity notify any potential purchaser of the property that:			
(i) The land was used to manage H.W.?	___	___	_____
(ii) Its use is restricted under Subpart G?	___	___	_____
(iii) The required survey plat (265.116) and disposal records (265.119(a)) have been filed?	___	___	_____
(2) Submitted to the RA a signed, certified copy of the notice and deed?	___	___	_____
Post-closure care:			
Has the specified post-closure contact kept the plan during the post-closure care period? 265.118(b)	___	___	_____
Are all post-closure care activities in the approved plan being performed? 265.117(d)	___	___	_____
Has the owner or operator, or any subsequent owner of the land, obtained an approved post-closure plan modification before tampering with the HW unit? 265.119(c)	___	___	_____
Completion of post-closure care:			
At the completion of post-closure care for each unit, did the facility certify to the RA within 60 days that the care was performed in accordance to the post-closure plan's specfications? 265.120	___	___	_____
Was the certification signed by an independent registered professional engineer? 265.120	___	___	_____

DATE 6/7/88

CA D064572-03

INSPECTOR BP/DS

Financial Requirements:
(Part 265 Subpart H)

	Yes	No	Comments
Is the facility owned by the State or Federal Government? 265.140(c) If Yes, Subpart H is not applicable.		✓	
Cost estimate for closure:			
Has a written estimate been prepared of the cost of closing the facility? 265.142(a)	X		According to Management
What is the amount of the closure cost estimate? $ _____			
Does the cost estimate cover all the activities in the closure plan? 265.142(a)-	X		
(1) Does the estimate equal the cost of closure at the point when the extent and manner of the operation would make closure the most expensive?	X		
(2) Is the estimate based on the costs of hiring a third party (not a subsidiary or parent corporation) to close the facility?	✓		
(3) Has the estimate not incorporated any salvage values?			Not inspected
(4) Was a zero cost not incorporated for hazardous waste that might have economic value?			
Has the cost estimate been adjusted annually and within the required time frames? 265.142(b)			
If the closure cost adjustment was not made by recalculating the cost in current dollars, was the adjustment made by using an inflation factor*? 265.142(b)			

*derived from the Annual Implicit Price Deflator for Gross National Product as published by the U.S. Dept. of Commerce in its "Survey of Current Business"

Latest Annual Deflator = _____ Previous Annual Deflator = _____

Inflation Factor = _____ (latest deflator/previous deflator)

Current Cost Adjustment = $ _____ (latest adjusted estimate x inflation factor)

DATE 6/7/88

CA D064572708

INSPECTOR BP/DS

Financial Requirements: - Continued
(Part 265 Subpart H)

	Yes	No	Comments
Was the cost estimate revised no later than 30 days after a change in the closure plan increased the cost of closure? 265.142(c) (Revised estimate must be adjusted for inflation.)	___	___	Not inspected
Are the latest closure cost estimate and adjusted closure cost estimate kept at the facility during its operating life? 265.142(d)	___	___	
Financial assurance for closure:			
Can the facility indicate they have established and submitted at least one of the following financial assurance mechanisms for closure cost: 265.143-			
(a) Closure trust fund?	___	___	
(b) Surety bond guaranteeing payments into a closure trust fund?	___	___	
(c) Closure letter of credit?	___	___	
(d) Closure insurance?	___	___	
(e) Financial test and corporate guarantee for closure?	✓	___	Letter dated 6/7/88 from Financial Responsibility Unit.
(The facility may use more than one of the above (265.143(f)), and can be included with another facility (265.143(g)).			
Were the financial assurance mechanisms amended as needed to cover the latest revised closure cost estimate? 265.143	___	NA	

Memorandum

To : Alan Sorsher
SCS

Date : June 7, 1988

Subject: Results of Review and Evaluation of Financial Assurance and Liability Documents DATE 6/7/88

RECEIVED
JUN 21 1988
Toxic Substances Control Division
Southern California Section
Los Angeles

From : Nancy Jestreby
Financial Responsibility Unit
714/744 P Street
P.O. Box 942732
Sacramento, CA 94234-7320
Phone 8-454-1804

CA D064573108
SPECTOR BP/DS

Whittaker/Bermite (Facility) CADO64573108 (EPA ID#)
22116 West Saledad Canyon Rd. Saugus, CA. (Address)

As requested, the financial assurance and liability documents for the above-named facility have been reviewed and evaluated. The results of the evaluation are good for 60 days from the date of this memo and are as follows:

Financial Assurance for Closure/Post-Closure N/A*

Type of Document: _____

Dollar amount Provided: $_____ (Closure) / _____ (Post-Closure)

Results of Evaluation: ____ Pass ____ Fail (See Comments)

Liability Coverage

Type of Document: Financial Test

Dollar amounts: $1,000,000 (Per Occurrence) / $2,000,000 (Aggregate) SUDDEN
$_____ (Per Occurrence) / _____ (Aggregate) NON-SUDDEN

Results of Evaluation: ____ Pass ✓ Fail (See Comments)

COMMENTS *Financial Assurance for closure/post closure not needed since facility is clean closing. Liability coverage is required until certification of closure is received by DHS. Updated financial test was due 1/21/88.

R Bertram 6/9/88
FRU Unit Chief DATE

P.S. Please send documentation that the facility is in the closure process.

DATE 6/7/88

CA D064577708

INSPECTOR BC/DS

Financial Requirements: - Continued
(Part 265 Subpart H)

	Yes	No	Comments
Cost estimate for post-closure:			
Has a written estimate been prepared of the cost of post-closure care? 265.144(a)	___	___	Not Evaluated
What is the amount of the post-closure cost estimate? $ _____			
Was the estimate calculated by multiplying a detailed estimate of annual costs by 30 years of post-closure care? 265.144(a)(2)	___	___	
Does the annual care cost estimate cover all the activities in the post-closure plan? 265.144(a)	___	___	
Is the estimate based on the costs of hiring a third party (not a subsidiary or parent corporation) to close the facility? 265.144(a)(1)	___	___	
Has the post-closure cost estimate been adjusted annually? 265.144(b)	___	___	
If the closure cost adjustment was not made by recalculating the cost in current dollars, was the adjustment made by using an inflation factor? 265.144(b)(1-2)	___	___	
During the active life of the facility, was the cost estimate revised no later than 30 days after a revision to the post-closure plan increases the cost of post-closure care? 265.144(c) (Revised estimate must be adjusted for inflation.)	___	___	
Are the latest post-closure cost estimate and adjusted cost estimate kept at the facility during its operating life? 265.144(d)	___	___	

Financial Requirements: - Continued
(Part 265 Subpart H)

DATE 6/7/88

CA D064577708

SPECTOR BP/DS

	Yes	No	Comments
Financial assurance for post-closure:			
Can the facility indicate they have established and submitted at least one of the following financial assurance mechanisms for post-closure care: 265.145-			Not evaluated
(a) Post-closure trust fund?	___	___	
(b) Surety bond guaranteeing payment into a post-closure trust fund?	___	___	
(c) Post-closure letter of credit?	___	___	
(d) Post-closure insurance?	___	___	
(e) Financial test and corporate guarantee for post-closure care?	___	___	
(The facility may use more than one of the above (265.145(f)), and can be included with another facility (265.145(g)).			
Were the financial assurance mechanisms amended as needed to cover the latest revised post-closure cost estimate? 265.145	___	___	
If the facility chose to satisfy the requirements for financial assurance for both closure and post-closure care by using a single mechanism, did the sum of funds available at least equal what the total would be for separate mechanisms? 265.146	___	___	

DATE 6/7/88

CA D064[illegible]08

INSPECTOR BP/DS

Use And Management Of Containers:
(Part 265 Subpart I)

Inactive Facility

	Yes	No	Comments
Does the facility transfer H.W. from containers not in good condition or leaking to containers in good condition? 265.171	___	___	_____
Are containers compatible with the H.W. stored in them? 265.172	___	___	_____
Are containers stored closed? 265.173(a)	___	___	_____
Are containers managed to prevent rupture or leakage? 265.173(b)	___	___	_____
Are containers inspected weekly for leaks and deterioration? 265.174	___	___	_____
Are ignitable or reactive wastes stored at least 50 feet from the facility's property line? 265.176	___	___	_____
Are incompatible wastes stored in separate containers? 265.177(a)	___	___	_____
Is H.W. not placed in unwashed containers that previously held an incompatible waste or material? 265.177(b)	___	___	_____
Are containers holding H.W. that is incompatible with any waste or materials stored nearby in other containers, piles, open tanks, or surface impoundments separated from the incompatibles by sufficient distance or protected by means of a dike, berm, wall, or other device? 265.177(c)	___	___	_____

DATE 6/7/88

D064[illegible]08

INSPECTOR BP/DS

Use And Management Of Containers:
(Part 265 Subpart I)

	Yes	No	Comments
Are containers or inner liners that are not empty managed as H.W.? 261.7(a)(2)	___	___	N/A
For a container to be considered empty the facility must ensure that no more remains than: 261.7(b)(1)-			
(i) Can be removed by conventional means (e.g., pouring, pumping, etc.)? and:	___	___	
(ii) One inch of residue on bottom of container or inner lining? or:	___	___	
(iii)(A) If the container is not over 110 gallons in size, 3% of weight when full? or:	___	___	
(iii)(B) If the container holds over 110 gallons, no more than 0.3% of weight when full?	___	___	
If holding compressed gas, is the container at atmospheric pressure? 261.7(b)(2)	___	___	
If a container (or liner removed from the container) has held an acute H.W., it is empty if: 261.7(b)(3)-			
(i) It has been triple rinsed using a solvent capable of removing the contents?	___	___	
(ii) Cleaned by another proven removal means? or:	___	___	
(iii) For the container, the liner prevented contact and has since been removed?	___	___	

DATE 6/2/88

CA D064[illegible]08

INSPECTOR BP/DS

Tanks:
(Part 265 Subpart J)

	Yes	No	Comments
Are controls and practices used to prevent spillage, including: 265.194(b)-			NA Inactive facility. Tanks have been removed
(3) Sufficient freeboard in uncovered tanks to prevent overtopping by wind action, wave, or precipitation?	___	___	_____
Are daily inspections done for the following: 265.195(a)-			
(1) Discharge control equipment e.g., feed cutoff, bypass and drainage systems?	___	___	_____
(2) Corrosion or releases of waste in aboveground portions?	___	___	_____
(3) Data gathered from monitoring and leak detection equipment e.g., pressure and temperature gauges, monitoring wells?	___	___	_____
(4) Construction materials and area surrounding the tank, including secondary containment (e.g., dikes) for erosion or signs of releases (e.g., wet spots, dead vegetation)?	___	___	_____
Are sources of impressed current inspected at least every other month? 265.195(b)(2)	___	___	_____
Are cathodic protection systems inspected six months after initial installation and then annually? 265.195(b)(1)	___	___	_____
If a leak has occurred in the tank system, has the facility complied with 265.196 (p. J9)? 265.194(c)	___	___	_____
Does the facility comply with the buffer zone requirements for covered tanks containing ignitable or reactive wastes specified in tables 2-1 through 2-6 of the National Fire Protection Association's "Flammable and Combustible Liquids Code" (1977 or 1981)? 265.198(b)?	___	___	_____
Are incompatible wastes stored in separate tanks? 265.199(a)	___	___	_____
Is H.W. not placed in non-decontaminated tanks that previously held an incompatible waste or material? 265.199(b)	___	___	_____

DATE 6/7/88

CA D064577108

INSPECTOR BP/DS

Tanks: - Continued
(Part 265 Subpart J)

	Yes	No	Comments
Tank closure and post-closure care:			
At closure, did the facility remove or decontaminate all waste residues, contaminated containment system components (liners, etc.), structures, soil, and equipment? 265.197(a)	___	___	_____
If the facility demonstrated that all contaminated soils cannot be removed or decontaminated, did they close the tank and perform post-closure care as if a landfill? 265.197(b)	___	___	_____
If the facility has a tank system without complying secondary containment or an exemption, did they include contingent closure and post-closure plans covering the care and reporting provisions for landfills? 265.197(c)(1-2)	___	___	_____
Did they include the contingent plans in the cost estimate? 265.197(c)(3)	___	___	_____
Did they include the contingent plans' costs in the financial assurance and responsibility estimates? 265.197(c)(4-5)	___	___	_____

See also Subparts G, H.

DATE 6/7/88

CA D064577708

INSPECTOR BP/DS

Surface Impoundments: (Part 265 Subpart K)

	Yes	No	Comments
Do impoundments have at least 2 feet of freeboard? 265.222(a) or:	—	—	N/A Inactive Facility Impoundments have been removed
Is the freeboard level inspected at least daily? 265.226(a)	—	—	
Do earthen dikes have protective cover to minimize wind and water erosion and to preserve their structural integrity? 265.223	—	—	
Is the impoundment, including dikes and surrounding vegetation, inspected weekly to detect leaks, deterioration, or failure? 265.226(b)	—	—	
At closure, has the facility removed or decontaminated, and managed as a H.W., all: 265.228(a)(1)			
Waste residues?	—	—	
Containment system components?	—	—	
Contaminated subsoils?	—	—	
Structures and equipment contaminated with waste and leachate?	—	—	
Has the facility closed the impoundment and managed it like a landfill (under Subpart G and 265.310)? including: 265.228(a)(2)-	—	—	
(i) Eliminating free liquids by removing wastes or solidifying the remaining wastes and residues?	—	—	
(ii) Stabilized remaining wastes to a bearing capacity sufficient to support the final cover?	—	—	
Has the facility installed a final cover that: 265.228(a)(2)(iii)-			
(A) Provides long-term minimization of liquid migration?	—	—	
(B) Functions with minimum maintenance?	—	—	
(C) Promotes drainage and minimizes erosion or abrasion of the cover?	—	—	
(D) Accomodates settling and subsidence to maintain cover integrity?	—	—	
(E) Has a permeability less than or equal to the bottom liner or natural subsoils?	—	—	

Surface Impoundments: - Continued
(Part 265 Subpart K)

DATE 6/7/88

CA D064[illegible]08

INSPECTOR BP/DS

	Yes	No	Comments
Where wastes, waste residues, or contaminated materials remain after closure, during post-closure care (in addition to Subpart G and 265.310 requirements) has the facility: 265.228(b)-			
(1) Maintained the integrity and effectiveness of the final cover, and made repairs as necessary?		✓	
(2) Maintained and monitored the groundwater monitoring system (and complied with all other applicable Subpart F requirements)?		✓	
(3) Prevented run-on and run-off from eroding or damaging the final cover?		✓	

DATE 6/7/85

CR D064[illegible]08

INSPECTOR BP/DS

Facility does not have waste piles according to Mr. Peloquin

Waste Piles:
(Part 265 Subpart L)

	Yes	No	Comments
Are waste piles covered or protected from dispersal by wind? 265.251	___	___	NA
For waste piles where the leachate or run-off from the pile is a H.W.: 265.253(a)-			
(1) Is the pile placed on an impermeable base that is compatible with the waste?	___	___	
(2) Is there a run-on control system capable of handling a 25-year storm?	___	___	
(3) A run-off control system capable of handling a 24-hour, 25-year storm?	___	___	
(4) Are collection and holding units (tanks and basins) for run-on and run-off promptly emptied or managed to maintain design capacity?	___	___	
If no to (1)-(4) above, is: 265.253(b)-			
(1) The pile protected from precipitation and run-on by some other means (roof)? and:	___	___	
(2) Are no liquids, or wastes containing free liquids, placed in the pile?	___	___	
Has the facility installed a liner and a leachate collection system for each new unit, replacement unit, or lateral expansion of an existing unit that has received waste after 5/8/85? 265.254	___	___	
At closure, has the facility removed or decontaminated, and managed as a H.W., all: 265.258(a)			
Waste residues?	___	___	
Contaminated containment system components?	___	___	
Contaminated subsoils?	___	___	
Structures and equipment contaminated with waste and leachate?	___	___	
If no, has closure and post-closure care as a landfill been performed? 265.258(b)	___	___	

DATE 6/7/88

CA D064577108

INSPECTOR BP/DS

Land Treatment:
(Part 265 Subpart M)

	Yes	No	Comments
Is the H.W. treated in the land treatment unit capable of biological or chemical degradation? 265.272(a)	___	___	No land treatment at the facility however, facility is presently aerating contaminated soil under permiss NA from SCAQMD + DHS,
Is there a run-on control system designed, constructed, operated, and maintained to keep flow off the active portions of the facility during peak discharge from at least a 25-year storm? 265.272(b)	___	___	
Is there a run-off management system designed, constructed, operated, and maintained to collect and control a volume of water at least equivalent to a 24-hour, 25-year storm? 265.272(c)	___	___	
Are collection and holding facilities associated with run-on and run-off control systems managed to maintain the design capacity of the system? 265.272(d)	___	___	
Is the treatment zone managed to control particulate wind dispersal? 265.272(e)	___	___	
Unsaturated Zone Monitoring:			
Has the facility implemented an unsaturated zone monitoring plan? 265.278(a)	___	___	NA
Is the plan and the rationale used to develop the plan kept at the facility? 265.278(d)	___	___	NA

Land Treatment: - Continued
(Part 265 Subpart M)

DATE 6/2/88

CA D064522708
SPECTOR BP/DS

	Yes	No	Comments
Is the plan designed to detect vertical migration of H.W. and H.W constituents under active portions of the land treatment unit? 265.278(a)(1)			NA
Does the plan provide information on the background concentrations of H.W. and H.W. constituents in similar but untreated soils nearby? 265.278(a)(2)			
Is the background monitoring conducted before or in conjunction with the migration monitoring? 265.278(a)(2)			
Does the plan include: 265.278(b)-			
(1) Soil-monitoring using soil cores?			
(2) Soil-pore water monitoring using devices such as lysimeters?			
Has the facility demonstrated in their unsaturated zone monitoring plan that: 265.278(c)-			No vadose zone monitoring
(1) The depth at which soil and soil-pore water samples are taken is below the depth to which the waste is incorporated into the soil?			
(2) The number of soil and soil-pore water samples to be taken is based on the variability of the H.W. constituents in the waste and in the soil, and the soil type(s)?			
(3) The frequency and timing of soil and soil-pore water sampling is based on the frequency, time, and rate of waste application, proximity to ground-water, and soil permeability?			
Does the facility analyze the soil and soil-pore water samples for the same H.W. constituents that were found during the waste analysis? 265.278(e)			
Are records kept regarding application dates and rates, quantities, and locations of all H.W. placed in the land treatment unit? 265.279			

DATE 6/7/88

CA D064577708

INSPECTOR BF/DS

Land Treatment: - Continued
(Part 265 Subpart M)

	Yes	No	Comments
Closure and Post-Closure:			
Does the closure plan and post-closure plan address the following objectives and indicate how they will be achieved: 265.280(a)-			N/A
(1) Control of migration of H.W. and H.W. constituents from the treatment zone into the ground-water?	___	___	
(2) Control of the release of contaminated run-off from the unit into surface water?	___	___	
(3) Control of the release of airborne particulate contaminants caused by wind erosion?	___	___	
(4) Compliance with 265.276 (growth of food chain crops)?	___	___	
Were the following factors considered in addressing the closure and post-closure care objectives: 265.280(b)-			
(1) Type and amount of H.W. and H.W. constituents applied to the land treatment unit?	___	___	
(2) Mobility and expected rate of migration of H.W. and H.W. constituents?	___	___	
(3) Site location, topography, and surrounding land use with respect to the potential effects of pollutant migration (e.g., proximity to ground water, surface water and drinking water sources)?	___	___	
(4) Climate, including amount, frequency and pH of precipitation?	___	___	

Land Treatment: - Continued
(Part 265 Subpart M)

DATE 6/7/88

CA D064572108

INSPECTOR BP/DS

	Yes	No	Comments
(5) Geological and soil profiles; surface & subsurface hydrology of the site; soil characteristics, including cation exchange capacity, total organic carbon, and pH?		N A	
(6) Unsaturated zone monitoring information?			
(7) Type, concentration, and depth of migration of H.W. constituents in the soil as compared to their background concentrations?			
Did the closure and post-closure care plan include considerations for removal of contaminated soil? 265.280(c)(1)			
Did the closure and post-closure care plan include considerations for the placement of the final cover, including: 265.280(c)(2)-			
(i) Functions of the cover (e.g., infiltration control, erosion and run-off control, and wind erosion control?			
(ii) Characteristics of the cover, including material, final surface contours, thickness, porosity and permeability, slope, length of run of slope and type of vegetation on the cover?			
Do the plans address ground-water monitoring? 265.280(c)(3)			
Does the closure plan provide for the following during the closure period: 265.280(d)-			
(1) Continuation of the unsaturated zone monitoring program (soil-pore liquid monitoring may be terminated 90 days after the last application of waste)?			
(2) Maintenance of run-on control systems?			
(3) Maintenance of the run-off management systems?			
(4) Controlling wind dispersal of particulates?			

Land Treatment: - Continued
(Part 265 Subpart M)

DATE 6/7/88

CA D064573108

INSPECTOR BP/DS

	Yes	No	Comments
At closure, has the facility submitted to the RA a certification signed by the owner/operator and an independent soil scientist or registered professional engineer that the facility has been closed in accordance with the specifications in the approved closure plan? 265.280(e)	___	___	NA
Does the post-closure plan provide for the following during the post-closure care period: 265.280(f)-			
(1) Continuation of the soil-core monitoring program?	___	___	
(2) Restricting access to the unit as appropriate?	___	___	
(3) Assuring that growth of food chain crops complies with 265.276?	___	___	
(4) Controlling wind dispersal of H.W.?	___	___	

DATE 6/7/88

CA D064577708

INSPECTOR BP/DS

Landfills:
(Part 265 Subpart N)

	Yes	No	Comments
Is the run-on control system capable of preventing flow onto active portions during peak discharge from a 25-year storm? 265.302(a)	___	___	NA
Is the run-off management system capable of collecting and controlling the water volume resulting from a 24-hour, 25-year storm? 265.302(b)	___	___	
After storms are the run-on and run-off control systems returned to their design capacities? 265.302(c)	___	___	
Are H.W. managed to prevent wind dispersal? 265.302(d)	___	___	
Does the facility maintain the following items in the operating record: 265.309-			
(a) On a map, the exact location, dimensions and depth of each cell with respect to permanently surveyed benchmarks?	___	___	
(b) The contents of each cell and the location of each H.W. type within each cell?	___	___	

DATE 6/7/85

Landfills: - Continued
(Part 265 Subpart N)

CA DUGAS
INSPECTOR BP/DS

	Yes	No	Comments
Closure and Post-Closure:			
At final closure of the landfill or any cell, has a final cover been placed over the unit that is designed to: 265.310(a)-			NA
(1) Provide long-term minimization of migration of liquids through the closed landfill?	___	___	
(2) Function with minimum maintenance?	___	___	
(3) Promote drainage and prevent erosion or abrasion of the cover?	___	___	
(4) Accomodate settling and subsidence to maintain the cover's integrity?	___	___	
(5) Have a permeability less than or equal to that of the bottom liner or natural subsoils?	___	___	
During post-closure, has the facility: 265.310(b)-			
(1) Maintained the integrity and effectiveness of the final cover, and made repairs as neccessary?	___	___	
(2) Maintained and monitored the groundwater monitoring system (and complied with all other applicable Subpart F requirements)?	___	___	
(3) Prevented run-on and run-off from eroding or damaging the final cover?	___	___	
(4) Protected and maintained surveyed benchmarks?	___	___	

See also land-disposal facility closure requirements, Subparts G and H.

DATE 6/7/88

CA D064[illegible]08

INSPECTOR BB/DS

Incinerators:
(Part 265 Subpart O)

	Yes	No	Comments
Is waste not fed to the incinerator during start-up and shut-down unless the incinerator has reached steady state conditions? 265.345	___	___	NA
Does the facility monitor temperature and emission control devices every 15 minutes of operation, including those measuring: 265.347(a)			
Waste feed?	___	___	
Auxiliary fuel feed?	___	___	
Air flow?	___	___	
Incinerator temperature?	___	___	
Scrubber flow and pH?	___	___	
Process flow and level controls?	___	___	
Were appropriate corrections to maintain appropriate steady state conditions made immediately? 265.347(a)	___	___	
Is the complete unit, including pumps, valves, conveyors, pipes, emergency shutdown controls, system alarms etc., inspected daily for leaks, spills, and fugitive emissions? 265.347(b)	___	___	
At closure, was all H.W. and H.W. residues, including ash, removed from the equipment? 265.351	___	___	

* (An incinerator is an enclosed device using controlled flame combustion; an industrial boiler or furnace used to destroy wastes by burning; or an industrial furnace for any recycling purpose that elects to be regulated under this subpart.)

6/7/88

DATE BP/DS

D064577108

INSPECTOR

Other Thermal Treatment:
(Part 265 Subpart P)

	Yes	No	Comments
If the device is a batch treatment unit, is a complete thermal cycle used to treat each batch of H.W.? 265.373	___	___	N/A
If not a batch process, does the facility bring the unit up to steady state (normal) operating temperature and conditions before adding H.W.? 265.373	___	___	
Does the facility monitor temperature and emission control devices every 15 minutes of operation, including those measuring: 265.377(a)(1)			
Waste feed?	___	___	
Auxiliary fuel feed?	___	___	
Treatment process temperature?	___	___	
Process flow and level controls?	___	___	
Were any corrections to maintain appropriate steady state conditions made immediately? 265.377(a)(1)	___	___	
Is the stack plume observed hourly for normal color and opacity, and any corrections made immediately? 265.377(a)(2)	___	___	
Is the complete unit, including pumps, valves, conveyors, pipes, emergency shutdown controls, system alarms etc., inspected daily for leaks, spills, and fugitive emissions? 265.377(a)(3)	___	___	
At closure, was all H.W. and H.W. residues, including ash, removed from the equipment? 265.381	___	___	

DATE 6/7/85

CA D064577708

INSPECTOR RP/DS

Chemical, Physical, and Biological Treatment:
(Part 265 Subpart Q)

	Yes	No	Comments
Does the facility: 265.403(a)-			N/A
(1) Inspect any discharge control equipment (e.g., waste feed cut-off or by-pass systems, drainage systems, pressure relief systems) daily?	___	___	
(2) Gather data from monitoring equipment (e.g., pressure and temperature gauge) at least daily to ensure the unit is operating correctly?	___	___	
(3) Inspect for leaking of seams and fixtures, leaks, or corrosion weekly?	___	___	
(4) Inspect discharge confinement structures (dikes) for leaks (wet spots, dead vegetation) weekly?	___	___	
At closure, has the facility removed all H.W. and H.W. residues from the treatment proceesses or equipment, discharge control equipment and confinement structures? 265.404	___	___	

Attachment 4

Whitt. Bsm: (805) 259-2241

DATE 6/7/88

CA D 064573108

SPECTOR RP/DS

(1)

Whittaker-Bermite CEI 6-7-88

Peeler
Schwartzbart

09:45 AM: sunny & clear, light breeze, ~72°

09:45 : arrive at facility

photo 1: at Soledad Cyn Rd. looking S. at entrance to fac.

record review & discussion:
10:30: meet w/ fac. reps.:

Glenn Abdun-nur
Tim Bricker HMS

also 2 consultants were onsite
John J. Peloquin

- acc. to fac. reps. DHS was inspecting whitt-Berm. 2-11-87

Paul Baranick, Gregg Holmes, Chong Kim were present conducting LDR inspection

- facility has manifested HW during 1987 & 1988

DATE 6/1/88 (2)
CA D064573108
INSPECTOR: BIDS

acc. to fac. reps;
- operations ceased 4-4-87
- storage of HW also ceased 4-4-87
- almost all generation of HW since 4-4-87 has been of cont. soil
  - soils contaminated w/ volatiles & some minor metals
    - metals are not really the problem
- all manifests are of cont. soil

- there were some explosives (EH) sent to LA, PA, NY by Whitt-Beam before 4-4-87
  - some explosives were manifested out after 4-4-87
    - as a result of cleaning out complete facility
    - very little
    -

- after fac. cleaned out all bldgs no more explosives were sent out
  - only cont. soil man-out after ~ June, '87.

- Martin Pumping did most of the Transporting
- waste flammable liquids went to San Diego for incineration

DATE 6/2/88 (3)

CA D06457[illegible]08

SPECTOR RP/DS

- almost all 1988 manifests were for non-RCRA HW #611 Waste Halogenated Organic contaminated soil, CA regulated Waste only
  - most manifests from Jan. & Feb.
  - manifested to Casmalia & hauled by Casmalia (or a subcontractor hauler ie: Hearn Trucking Inc.) to Casmalia
  - manifests generally in order
    - no discrepancies noted
    - return copies present, etc.

- 3 Trenches have been dug & excavated

- 3 wells have been drilled
  - all turned out to be upgrad.
- 4th well was drilled & cased just last night
  - TD was 699'
  - screened from 679' to 699'
  - development will this wk.

[illegible]

DATE 6/7/88
CA D06457 - 08
INSPECTOR BP

- 3 wells that are present
  - diff. in H_2O levels in 3 wells was on the order of

	altitude	depth to H_2O
- 3 wells: (couple months ago)	1: 1560.86'	453
	2: 1424.05'	320.5
	3: 1538.06'	431

3 wells: from Gregg Smith's notebook
Smith is geol. w/ Norm Wink

- 6 cert. closures:
  - Bldngs. are still present
  - Buyer hasn't picked them up

—

DATE 6/7/88 (3)
CA D064573108
INSPECTOR BP/DS

- Trenches:
  - 3 trenches have been dug so far
  - soil is tested for volatiles & non-organics
    - it's been determined ~~that the~~ only contamination is ~~[illegible]~~ from volatiles
  - soil is then spread on ground ~ 6-8" thick & aerated & turned regularly (every couple of hours)
  - soil is sampled w/ pipe & VOA regularly
  - all VO are gone in ≤ 3 days
  - if rain ~~[illegible]~~ threatens, plastic is present to cover piles ~~with~~
    - hasn't been necessary yet
  - ~~fac.~~ not required to cover piles of ~~[illegible]~~ cont. soil in heavy wind
    - in heavy wind fac. is supposed to stop trenching
  - after soil is clean it's stored w/ other "clean" dirty soil

• all soil that was once dirty is stored together & can be resampled if nec.

- closure plan: Dec. 87 is official one

  - generally present at site
  - not present today cause John's briefcase w/ plan is in Colo.

DATE 1/12/88 (6)

CA D064... 108

INSPECTOR BP/DS

- Trenching work

~~permitting of treatment of soil~~

- PNA backhoe does trenching
- Whitt-Beam didn't do any trenching
- Whitt-Beam takes reg resp. for safety & training of contractors & sub contractors
  - safety plan dated 11-15-87
    - we rcvd. copy of "11-15-87 safety plan"
    - pers. Tr. ~~that~~ anybody got was contained in 11-15-87 safety plan

- all workers sign ~~the~~ 'Safety Statement' stating that they have read ~~the~~ 'Safety Plan' before starting to work

- Contingency Plan is supp. contained w/in the 'Safety Plan'

* — most recent closure & post closure cost estimate will be sent to Allan Sorsher

- closure costs financial assurance ~~of~~ $ have been [illegible] are required &

DATE 6/7/88

INSPECTOR BPA

- there is no vadose zone monitoring under soil that's being treated
- there is no runon runoff control (other than plastic covers in rain) of the cont. soil
- records are kept of amt of soil removed from trenches
- 4th well: should start development this wk. & hope to get H_2O levels v. soon

* - no annual or biennial rpts present at facility but reps said they will mail us copies of rpts w/in a week
  - only annual rpt present was dated 1-20-87

DATE 6/2/88 (8)
CA D0645723 08
INSPECTOR BP/B

photo 2 : bldngs:

13:30 : fac. walk-through

- * 223 seen : unused & open vacant

- Rb azide seen :
  - only thing left is 1 bldng (unused)
  - 'si' & tanks removed
  - only dirt left

- 502, 504, 506 seen
  - ~~these~~ are 3 steel storage bldngs, ~~that~~ are 'certified closed'
  - open & unused & vacant
  - waiting for buyer to pick them up
    - buyer is 'W.A. Murphy', El Monte

there is 1 source well on site
- ~500 gpm production
- pump at 95'
- H_2O is at 10'

SECTOR:

– Bldng 236 seen
open & unused & vacant

– ~~Bldngs~~ 3 cont. clean wood bldngs seen

– unused, vacant, & open
– except 1 had closed door

ph. 3 & 4 : soil that is being aerated from Trench #3
– in wind rows
– all aerating of all cont. soil has been done on asphalt

ph. 5 : photo of W-2

ph. 6 : photo of 342 area

ph. 7 from W-4 ; 317 in foreground. W-1 in bkgrnd. (w 4 white standpipes)

ph. 8 from W-4 : 317 in frgrnd, W-3 in bkground

ph. 9 W-4
– ht H_2O ~ 680'

DATE 6/7/88

INSPECTOR [illegible]

ph. 10 & ph. 11 : 3 trenches, which are now 1 excavation, on opp. side from W-4
- note W-4 in bkgrnd
- area 317 used to be in middle of excavation at ~ elevation of photo.

ph. 12 employees in sun outside office

14:25 return back to office.

RCRA as ~~[illegible]~~ CEI
6-7-88

DATE 6/7/88
CA D064572108
SPECTOR BP/DS

Table 1

Existing RCRA Well Elevations
Bermite Facility, Saugus California
(all elevations NGVD)

Well I.D.	Ground Elevation	Top of Casing Elevation	Potentiometric Surface Elevation Apr-5-88	Elevation at which Groundwater Encountered
W-1	1558	1560.86	1107.76	910
W-2	1422	1424.05	1104.09	954
W-3	1535	1538.06	1108.23	850

Rc'vd at 6-1-88 — from Gregg Smith's notebook CET.

DATE 6/7/88

CA D064573108

INSPECTOR BP/DS

3/29/88

0800 MEASURED WELL W-1 453 2''

0820 MEASURED WELL W-2 319 10 1/2''

0835 MEASURED WELL W-3 429 10''

4/5/88

0808 MEASURED WELL W-1 453 1''

0820 MEASURED WELL W-2 319 11 1/2''

0830 MEASURED WELL W-3 429 10'

4/12/88

0830 MEASURED WELL W-1 453 2''

0903 MEASURED WELL W-2 319 11''

4/19/88

0840 MEASURED WELL W-1 453 4''

0855 MEASURED WELL W-2 320'

DATE 6/7/88

CA D0645731108

INSPECTOR BP DS

4/26/88

0930 MEASURED WELL W-1 453' 3"

0945 MEASURED WELL W-2 319' 11"

5/3/88

1000 MEASURED WELL W-1 453

1015 MEASURED WELL W-2 319' 10"

5/10/88

0730 MEASURED WELL W-1 453' 7"

0745 MEASURED WELL W-2 319' 11"

5/17/88

0900 MEASURED WELL W-1 453' 4"

0920 MEASURED WELL W-2 319' 9"

5/24/88

0900 MEASURED WELL W-1 453' 3"

0920 MEASURED WELL W-2 319' 10"

5/31/88

1300 MEASURED WELL W-1 453' 2'

1330 MEASURED WELL W-2 319' 9"

DATE 6/7/88

CA D0645??108
INSPECTOR BP/DS

Bld 223 - asking for clean closure - in report to Permit DHS Alon

Lead Azide Unit one building now

Metal Storage Magazine - clean closed (3) RCRA units (metal)

- about 350 buildings have been excavated
- Bld 236 - asking for clean closure Alon
- 3 portable buildings - all clean closed (wooden)
- burn pit area soil borings East Fork

- Process dirt on asphalt cont. soil - 1-1½ ft high mounds from 317
- 342 - lower pad - broken concrete - tested + found nothing
- 317 - 3 trenches 90% clean 10% contaminated
- East Fork Area - in soils report

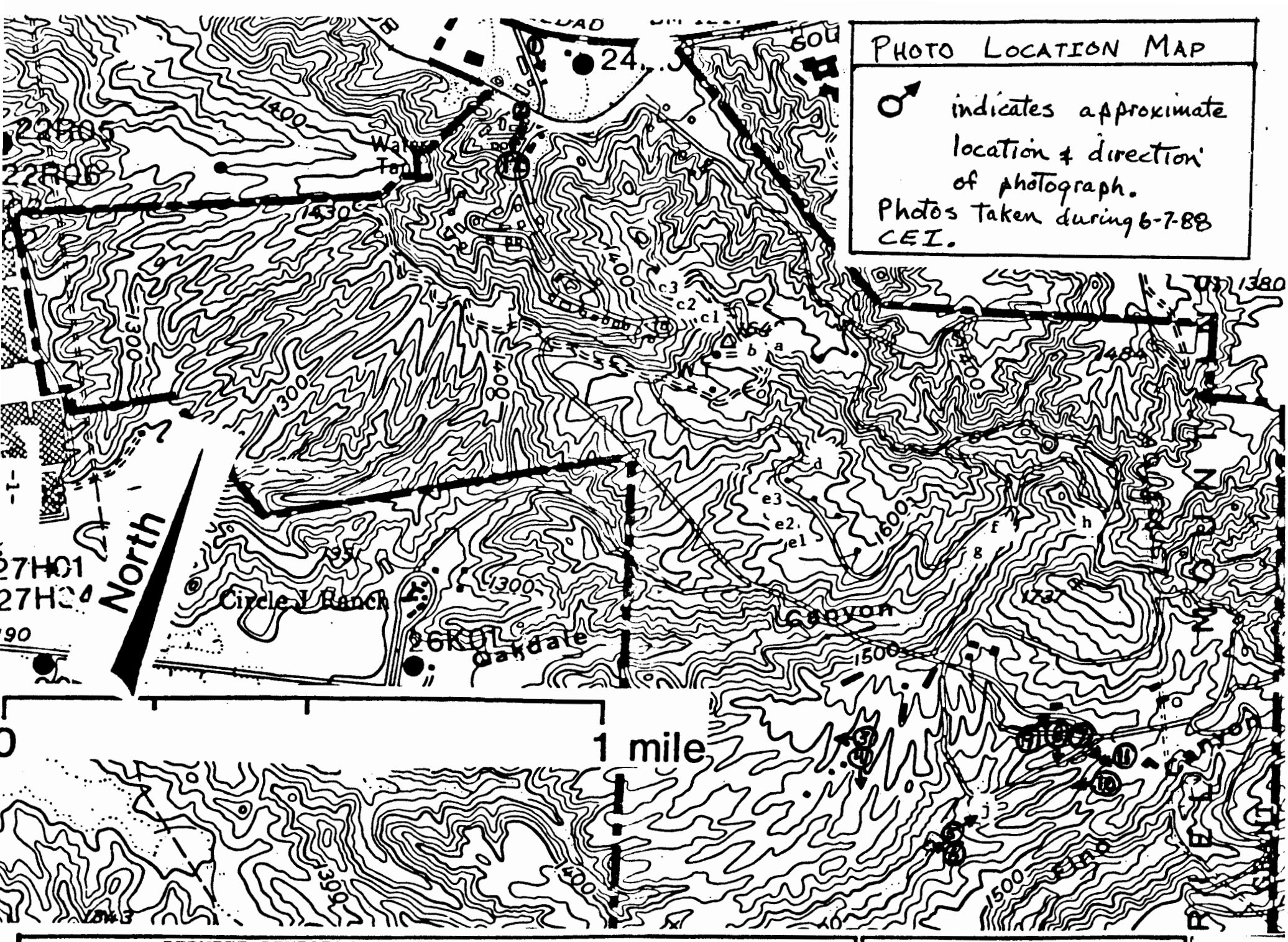
Biennial Report recieved on 6/21/88 OK

DATE 6/7/88

CA D064577108

INSPECTOR BP/DS

ATTACHMENT 5: PHOTOGRAPHS



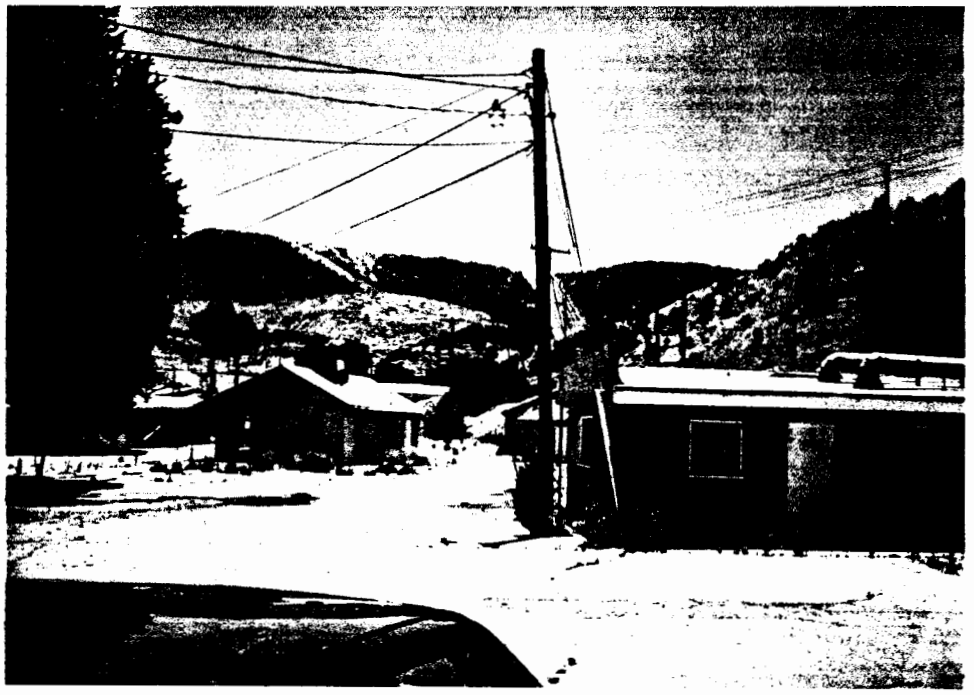
BERMITE DIVISION - WHITTAKER CORPORATION

Consulting Engineers

Twelve Oaks Center
15500 Wayzata Blvd.

Note: All photographs were Taken during 6-7-88 CEI.

① Entrance to facility.

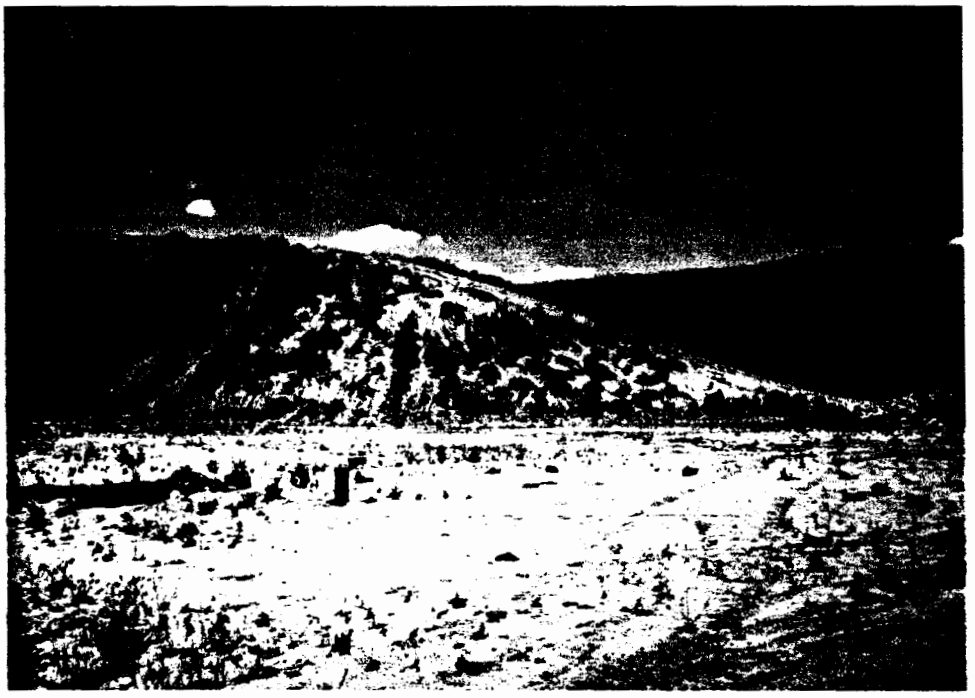


② Some unused buildings in the office area.

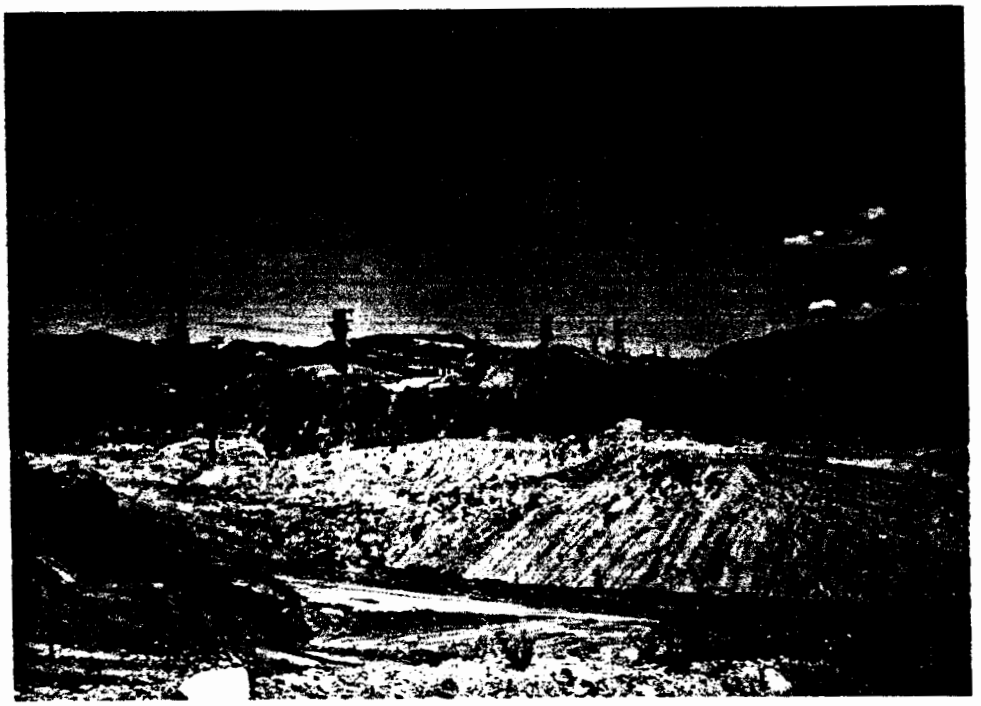
③ This soil from trench 3 (in s.i. #317 area) is undergoing aeration. According to facility reps.: 1) all aeration of contaminated soil is/has been done on asphalt; 2) these windrows are reworked regularly.

④ See comment for photo ③.

⑤ Monitoring Well W-2.

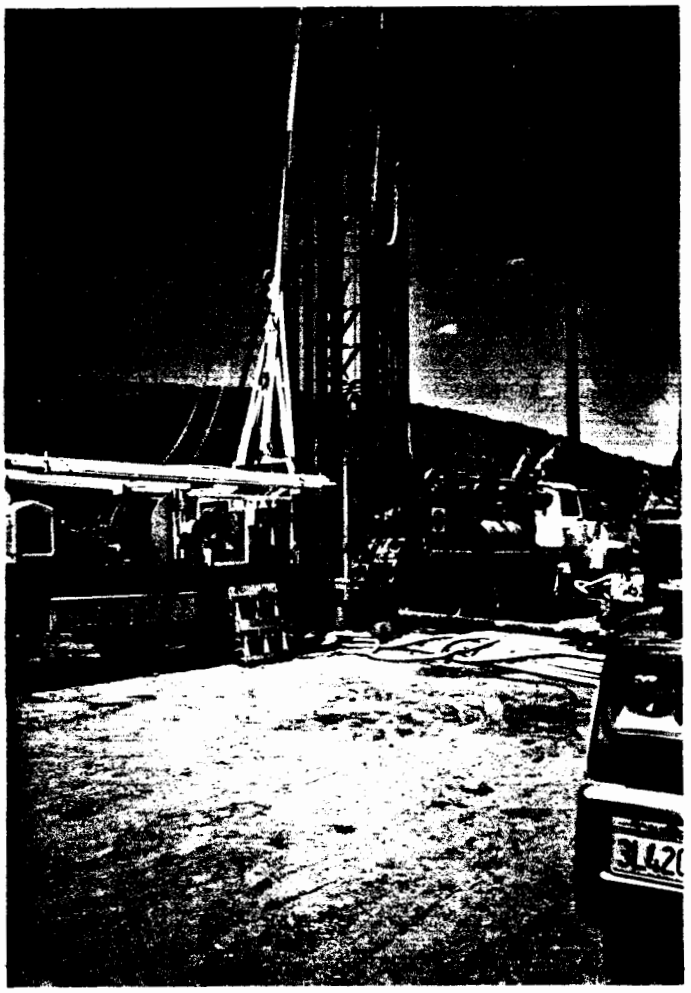


⑥ Surface impoundment #342 area.



⑦ SE view from Monitoring Well W-4.
Note surface impoundment #317 area in foreground and Monitoring Well W-1 at standpipes barely visible just below horizon at photo center.

⑧ S view from Monitoring Well W-4.
Note surface impoundment #317 area in foreground and Monitoring Well W-3 at standpipes barely



⑨ Construction of Monitoring Well W-4. According to facility representatives;

- casing was set for W-4 during early AM of 6-7-88
- development of W-4 would commence later in the week of 6-7-88
- W-4 total depth = 699'
- W-4 was screened from 679' to 699'
- W-4 encountered water at ~680'

⑩ 3 Trenches, which are now a single excavation, at surface impoundment # 317 area. According to fac. reps., surface impoundment # 317 used to be in approximate center of excavation at ~ elevation

(11) See comment for photo (10).

(12) Facility representatives were cooperative and accomodating. Pictured are John J. Peloquin (left) and

State of California—Health and Welfare Agency

Department of Health Services

DATE 01/88

CALIFORNIA STATE DEPARTMENT OF HEALTH SERVICES
TOXIC SUBSTANCES CONTROL DIVISION

CA D064577108

INSPECTOR BP/DS

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987.
Read all instructions carefully before making any entries on this form.

GENERAL COMPANY INFORMATION AND STATUS

The front page of this report form must be completed and returned regardless of facility status.
Please print/type with elite type (12 characters per inch): One character per box.

I. FACILITY EPA I.D. NUMBER

CAD064577108

II. FACILITY SIC CODE

3489

III. COMPANY NAME

BERMITE DIVISION OF WHITTAKER CORP

IV. LOCATION OF FACILITY

2211 W SOLEDAD CYN ROAD
Street

SAUGUS CA 91350
City or Town State Zip Code

LA
County

V. FACILITY MAILING ADDRESS (If different from Section III. above.)

Street, Route Number, or P.O. Box

City or Town State Zip Code

County

88 JAN 21 PM 2 25

VI. FACILITY CONTACT

GORDON J LOUETTE ESQ
Name

VICE PRESIDENT ASSISTANT GENERAL COUNCIL
Title

213-475-9411
Area Code Phone Number

VII. This EPA Number is only for hazardous waste hauling/transfer station operations

☒ No

☐ Yes—Do not complete the remainder of this form. Sign below in Section VIII. and return this page to Department of Health Services.

VIII. I certify under penalty of law that as a senior officer, I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

A. Please Print Last Name	First Name	MI	Date of Signature (Month / Day / Year)
BRICKER	TIMOTHY	S.	03 / 25 / 88

B. Signature: Timothy S. Bricker

Title: HAZARDOUS MATERIAL SPECIALIST

IX. GENERATOR STATUS: This section is to be completed only by companies which generate hazardous waste.

A. Does this site have an active EPA Generator Notification Statement on file?
- ☐ No–STOP. Do not complete rest of this section. Skip to Section X.
- ☐ Yes–Go to B.

B. Was any hazardous waste generated at the site during 1987?
- ☐ No–Check appropriate boxes below, then go to E.
  - ☐ 1. Generated prior to 1987 but do not expect to generate in the future because. CHECK ONE BOX BELOW.
    - ☐ a. Waste was from one-time event(s) (e.g., spills, remedial actions, etc.)
    - ☐ b. Processes or products changed.
    - ☐ c. Out of business.
  - ☐ 2. Generated prior to 1987 and expect to generate in the future.
  - ☐ 3. Never generated before but expect to generate in the future.
  - ☐ 4. Never generated and do not expect to generate in the future because. CHECK ONE BOX BELOW.
    - ☐ a. Protective notifier only.
    - ☐ b. Misunderstood the requirements.
    - ☐ c. Notified to secure transportation services.
    - ☐ d. Other. EXPLAIN IN COMMENTS.
- ☐ Yes–Go to C.

C. How much waste was generated at the site during 1987?
- ☐ 1. More than 1000 kg in any month.
- ☐ 2. More than 100 kg but less than 1000 kg a month.
- ☐ 3. No more than 100 kg in any month.

D. Were RCRA exempt hazardous wastes generated at the site during 1987?
- ☐ No ☒ Yes

E. Do you wish to withdraw the site's EPA Generator Notification Statement?
- ☐ No ☐ Yes

X. FACILITY STATUS: This section is to be completed only by companies which treat, store, recycle, or dispose hazardous waste under ISD or permit.

A. Does the site have an active RCRA Part A Permit or Application? No ☐ Yes ☐

B. Did the site treat, store, dispose or recycle (TSDR) hazardous waste under ISD or permit during 1987?
- ☐ No Go to E. and complete only generator portions of this report form if applicable.
- ☐ Yes
  - ☐ Treated "California Only" wastes
  - ☐ Treated RCRA regulated wastes.
  - ☐ TSDR only took place in RCRA exempt units.

C. Site is closed or undergoing closure? No ☐ Yes ☒

D. COST ESTIMATES FOR FACILITIES (Whole dollar amounts)

$ 2 5 5 0 0 0 0 | $ None Anticipated

A. Cost Estimate for Facility Closure B. Cost Estimate for Post Closure Monitoring and Maintenance

E. Do you wish to withdraw the site's EPA Part A Permit Application? No ☐ Yes ☐

XI. WASTE IN TEMPORARY STORAGE

Quantity of hazardous waste on site, January 1, 1987	0	UOM
Quantity of hazardous waste on site, December 31, 1987	0	UOM

XII. COMMENTS

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME BERMITE DIVISION OF WHITTAKER CORPORATION

EPA ID NO. CA D 0 6 4 5 7 3 1 1 0 8

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Report

FORM WM

WASTE MINIMIZATION

PART I

WHO MUST COMPLETE THIS FORM?

Form WM Part I, describing efforts undertaken to implement waste minimization programs, must be completed by all generators required to file an Annual/Biennial Report. This requirement was established in response to statutory provisions included in the Hazardous and Solid Waste Amendments of 1984 (HSWA).

NOTE: Generators shipping hazardous waste off site are required to certify, on Item 16 of the Uniform Hazardous Waste Manifest, that they have a program in place to reduce, to the degree determined economically practicable, the volume and toxicity of hazardous waste generated. A similar certification must also be made by generators who have obtained a RCRA treatment, storage, or disposal permit. Consistent with these certification requirements, generators must report, on Form WM Part I, the efforts undertaken to implement waste minimization programs.

INSTRUCTIONS:

Please read the detailed instructions before completing this form.

Answer questions 1 through 10. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

1. Did this site create or expand a source reduction and recycling program?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Create	☐	☒	☐	☒	☐	☒
Expand	☐	☒	☐	☒	☐	☒

2. Did this site have a written policy or statement that outlined goals, objectives and methods for source reduction and recycling of hazardous waste?

	1987	1986	Prior Years
Yes	☐	☐	☐
No	☒	☒	☒

3. What was the dollar amount of capital expenditures (plant and equipment) and operating costs devoted to source reduction and recycling of hazardous waste? ENTER ZERO (0) IF NONE.

	1987	1986	Prior Years
Capital expenditures	$ 0	$ 0	$
Operating costs	$ 0	$ 0	$

4. Did this site have an employee training program or provide incentives (bonuses, awards, personal recognition, etc.) to identify and implement source reduction and recycling opportunities and activities?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Training	☐	☒	☐	☒	☐	☒
Incentives	☐	☒	☐	☒	☐	☒

5. Did this site conduct a source reduction and/or recycling opportunity assessment or audit? Note: an opportunity assessment or audit is a procedure that identifies practices that can be implemented to reduce the generation of hazardous waste or the quantity which must subsequently be treated, stored or disposed.

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Site-Wide	☐	☒ XX	☐	☒ X	☐	☒ X
Process-Specific	☐	☒ XX	☐	☒ X	☐	☒ X

6. Did this site identify or implement new SOURCE REDUCTION opportunities to reduce the volume and/or toxicity of hazardous waste generated at this site?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Identify	☐	☒ XX	☐	☒ XX	☐	☒ XX
Implement	☐	☒ X	☐	☒ X	☐	☒ X

7. What factors have delayed or prevented implementation of SOURCE REDUCTION opportunities. MARK ☒ NEXT TO ALL THAT APPLY.

- ☐ a. Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☐ b. Lack of technical information on source reduction techniques, applicable to my specific production processes.
- ☐ c. Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☐ d. Concern that product quality may decline as a result of source reduction.
- ☐ e. Technical limitations of the production processes.
- ☐ f. Permitting burdens.
- ☒ X g. Other (SPECIFY) FACILITY IS CLOSED

8. Did this site identify or implement new RECYCLING opportunities to reduce the volume and/or toxicity of hazardous waste generated at this site or subsequently treated, stored, or disposed of on site or off site?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Identify	☐	☒ X	☐	☒ X	☐	☒ X
Implement	☐	☒ X	☐	☒ X	☐	☒ X

9. What factors have delayed or prevented implementation of on-site or off-site RECYCLING opportunities. MARK [X] NEXT TO ALL THAT APPLY.

- [ ] a. Insufficient capital to install new recycling equipment or implement new recycling practices.
- [ ] b. Lack of technical information on recycling techniques applicable to this site's specific production processes.
- [ ] c. Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- [ ] d. Concern that product quality may decline as a result of recycling.
- [ ] e. Requirements to manifest wastes inhibit shipments off site for recycling.
- [ ] f. Financial liability provisions inhibit shipments off site for recycling.
- [ ] g. Technical limitations of product processes inhibit shipments off site for recycling.
- [ ] h. Technical limitations of production processes inhibit on-site recycling.
- [ ] i. Permitting burdens inhibit recycling.
- [ ] j. Lack of permitted off-site recycling facilities.
- [ ] k. Unable to identify a market for recyclable materials.
- [XX] l. Other (SPECIFY) FACILITY IS CLOSED

10. Has this site requested or received technical information or financial assistance on source reduction and/or recycling practices from any of the following sources? MARK [X] NEXT TO ALL THAT APPLY.

	1987		1986		Prior Years	
	Technical	Financial	Technical	Financial	Technical	Financial
a. Local government	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
b. State government	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
c. Federal government	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
d. Trade associations	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
e. Educational institutions	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
f. Suppliers	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
g. Other parts of your firm	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
h. Other firms/consultants	[X]	[ ]	[X]	[ ]	[X]	[ ]
i. No request made	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
j. Other (conferences, literature, etc.)_____	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME _____

_____

EPA ID NO. |_|_|_|_|_|_|_|_|_|_|_|_|

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Report

FORM WM

WASTE MINIMIZATION

PART II

WHO MUST COMPLETE THIS FORM? Form WM Part II must be completed only by generators that engaged in an activity during 1987 that resulted in waste minimization.

Waste minimization means:
(1) reduction in the volume and/or toxicity of hazardous waste generated as a result of source reduction; and/or,
(2) reduction in the volume and/or toxicity of hazardous waste subsequently treated, stored, or disposed as a result of on-site or off-site recycling.

[X] Mark ☒ and do not complete this form if no waste minimization results were achieved during 1987.

INSTRUCTIONS: Please read the detailed instructions before completing this form.

Make and complete a photocopy of this form for each hazardous waste minimized in 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. EPA hazardous waste code	B. State hazardous waste code	C. Product or service description	D. Product or service SIC code
|_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_|	|_|_|_|_|_| |_|_|_|_|_|		|_|_|_|_|

E. Waste form code	F. UOM	G. Density	H. Source description:	I. Source code
|_|_|_|_|	|_|	|_|_| . |_|_| ☐ lbs/gal ☐ sg		|_|_|

Sec. II

A. 1986 quantity generated	B. 1987 quantity generated	C. Production ratio	D. Toxicity change code
|_|_|_|_|_|_|_|_|_|	|_|_|_|_|_|_|_|_|_|	|_|_| . |_|_|	|_|

E. Waste minimization: recycling		F. Waste minimization: source reduction	
Code	Quantity recycled	Code	Quantity prevented
1. |_| 2. |_|	|_|_|_|_|_|_|_|_|_|	1. |_| 2. |_| 3. |_|	|_|_|_|_|_|_|_|_|_|

Sec. III

A. Narrative description of waste minimization project or activity and results achieved

Sec. IV.	**Instructions:** Answer questions 1 through 4. Mark ☒ next to the effects produced by the source reduction and/or recycling activity reported on this form in Sections I through III.

1. What effect did this site's source reduction and/or recycling activity have on the **quantity** of **water effluent** produced by hazardous waste generation processes during 1987?

   ☐ a. Increase in the quantity of water effluent
   ☐ b. Decrease in the quantity of water effluent
   ☐ c. No effect on the quantity of water effluent
   ☐ d. Don't know

2. What effect did this site's source reduction and/or recycling activity have on the **toxicity** of **water effluent** produced by hazardous waste generation processes during 1987?

   ☐ a. Increase in the concentration of hazardous constituents
   ☐ b. Decrease in the concentration of hazardous constituents
   ☐ c. No effect on the concentration of hazardous constituents
   ☐ d. Don't know

3. What effect did this site's source reduction and/or recycling activity have on the **quantity** of **air emissions** produced by hazardous waste generation processes during 1987?

   ☐ a. Increase in the quantity of air emissions
   ☐ b. Decrease in the quantity of air emissions
   ☐ c. No effect on the quantity of air emissions
   ☐ d. Don't know

4. What effect did this site's source reduction and/or recycling activity have on the **toxicity** of the **air emissions** produced by hazardous waste generation processes during 1987?

   ☐ a. Increase in the concentration of hazardous constituents
   ☐ b. Decrease in the concentration of hazardous constituents
   ☐ c. No effect on the concentration of hazardous constituents
   ☐ d. Don't know

Comments:

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Management

FACILITY REPORT

I. FACILITY EPA I.D. NUMBER

N/A FACILITY IS CLOSED

II. 1. The waste streams reported on this page were generated on the facility. ☐

2. The waste streams reported on this page were received from an off-site generator. ☐

III. WASTE IDENTIFICATION AND MANAGEMENT

Report only waste that is handled under ISD or Permit at this facility.

Report quantities using whole numbers. List handling methods employed for each waste stream in sequential order. Include final disposition of all residues and effluents from treatment.

	Line Number	Description of Waste	EPA Hazardous Waste Number (See Code List)		Calif. Waste Code	Hand-ling Method	Amount of Waste	Unit of Measure	Shipped Offsite
A.	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
	11								
	12								
B.	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
	11								
	12								

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31,1987.

Capacity Summary FACILITY REPORT

I. FACILITY EPA I.D. NUMBER

N/A FACILITY IS CLOSED

II. WASTE STORAGE (Complete this section for waste stored under ISD or Permit. Use whole numbers.)

Type of Storage		Average Monthly Quantity In Storage	Total Capacity	Unit of Measure
1. Container (Drum, Barrel)	(S01)			
2. Tank	(S02)			
3. Waste Pile	(S03)			
4. Surface Impoundment	(S04)			
5. Other:	(S05)			

III. WASTE DISPOSAL (Complete this section only if waste is disposed of at the facility. Use whole numbers.)

Type of Disposal		Annual Quantity Disposed	Capacity Remaining As Of December 31, 1987	Unit Of Measure
1. Injection Well	(D80)			
2. Landfill	(D81)			
3. Land Application	(D82)			
4. Ocean Disposal	(D83)			
5. Surface Impoundment	(D84)			
6. Other:	(D85)			

IV. WASTE TREATMENT (Complete this section for waste treatment methods used at the facility, include recycling. Use whole numbers.)

Treatment Method	T or R	Total Amount Treated/Recycled	Annual Capacity	Unit of Measure
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				

V. COMMENTS List any explanations or significant events which influenced capacities or throughput for Sections II–IV above. If, in Section IV. treatment code T90 is used, list the sequence of steps in the process here; i.e., T90: T31; T27; T24; T41; T40.

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER CAD016451731108

II. SIC CODE 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE 134 **EPA HAZARDOUS WASTE CODE** NON RCRA

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987 1010 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead	2	X	
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloro-ethane			
Phenol			
Stoddard			
Toluene			
111-Trichloro-ethane			
112-Trichloro-ethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	04.0 10
Percent Solid	16.0 10
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD064517310 8

II. SIC CODE: 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 2171 EPA HAZARDOUS WASTE CODE: NON RCRA

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 31910 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			
BUTAREZ	11010		X

F. MISCELLANEOUS

Percent Water		
Percent Solid		
Heating Value		BTU/LB
Density		SPGR
pH		
% VOC		
Flashpoint		°F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition — GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD016457318

II. SIC CODE: 3489
Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 135 — EPA HAZARDOUS WASTE CODE: D000

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 20100 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐
TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead	3	X	
Mercury			
Nickel			
Selenium			
Silver	2	X	
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	02.00
Percent Solid	98.00
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition — GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD016457310 8

II. SIC CODE: 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 2161 — EPA HAZARDOUS WASTE CODE: ____ NON RCRA

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☒ No ☐

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 21516 (Amount (Whole numbers only)) — G (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			
_____			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			
_____			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			
_____			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB	510	X	
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			
_____			

F. MISCELLANEOUS

Percent Water	____.____
Percent Solid	____.____
Heating Value	____ BTU/LB
Density	____.____ SPGR
pH	____.____
% VOC	____.____
Flashpoint	____ °F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER CAD064573108

II. SIC CODE 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE 591 **EPA HAZARDOUS WASTE CODE** NON RCRA

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☑

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987 85 (Amount (Whole numbers only)) C (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%
BAGHOUSE WASTE	1000		X

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	
Percent Solid	100.00
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD016451731108

II. SIC CODE: 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 331

EPA HAZARDOUS WASTE CODE: D001

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 28.5 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease	510		X
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other: RESINS	510		X

F. MISCELLANEOUS

Percent Water	
Percent Solid	
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition — GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER CAD016451731108

II. SIC CODE 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE 223 — **EPA HAZARDOUS WASTE CODE** D001

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987

Amount (Whole numbers only)	UOM
1250	G

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease	310		X
PCB			
Perchloro-ethane			
Phenol			
Stoddard			
Toluene			
111-Trichloro-ethane			
112-Trichloro-ethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			
KEROSENE	710		X

F. MISCELLANEOUS

Percent Water		
Percent Solid		
Heating Value		BTU/LB
Density		SPGR
pH		
% VOC		
Flashpoint		°F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD064573108

II. SIC CODE: 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 512 EPA HAZARDOUS WASTE CODE: NON RCRA

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 73 (Amount (Whole numbers only)) C (UOM)

VII. WASTE TO BE TREATED? ☐ TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease	?		X
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other: RESINS	?		X

F. MISCELLANEOUS

Percent Water	
Percent Solid	100.00
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility; Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD016457310 8

II. SIC CODE: 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 5151 EPA HAZARDOUS WASTE CODE: D002

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 84 (Amount (Whole numbers only)) C (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%
LAB PACKS			
RESINS	25		X
CORROSIVES	25		X
POISONS	25		X
OXIDIZERS	25		X

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	
Percent Solid	916•012
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER CAD064573108

II. SIC CODE 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE 3512 **EPA HAZARDOUS WASTE CODE** D001

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☒ No ☐

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987 112000 (Amount (Whole numbers only)) P (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%
RESINS	710		X
PAINTS	310		X

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	
Percent Solid	98.0
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition — GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER CAD016451731108

II. SIC CODE 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE 214 **EPA HAZARDOUS WASTE CODE** D001

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987 13910 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone	80		X
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK	210		X
Oils/Grease			
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	
Percent Solid	
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition — GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD016451731108

II. SIC CODE: 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 611 — EPA HAZARDOUS WASTE CODE: D008

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 456 (Amount (Whole numbers only)) C (UOM)

VII. WASTE TO BE TREATED? ☐ TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead	10	X	
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	
Percent Solid	100.00
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

FACILITY HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD016451731108

II. SIC CODE: 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 181 EPA HAZARDOUS WASTE CODE: P001

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☒ No ☐

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 16380 (Amount (Whole numbers only)) P (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease	2		X
PCB			
Perchloro-ethane			
Phenol			
Stoddard			
Toluene			
111-Trichloro-ethane			
112-Trichloro-ethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	
Percent Solid	100.0
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

CALIFORNIA STATE DEPARTMENT OF HEALTH SERVICES
TOXIC SUBSTANCES CONTROL DIVISION
GENERATOR HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987.

GENERAL COMPANY INFORMATION AND STATUS

Read all instructions carefully before making any entries on this form.

The front page of this report form must be completed and returned regardless of facility status.
Please print/type with elite type (12 characters per inch): One character per box.

I. GENERATOR EPA ID NUMBER

CAD064573108

II. GENERATOR SIC CODE

3489

III. COMPANY NAME

BERMITE DIVISION OF WHITTAKER CORPORATION

IV. LOCATION OF GENERATOR

22116 W SOLEDAD CANYON ROAD
Street or P.O. Box

SAUGUS
City or Town

CA
State

91350
ZIP Code

LA
County

V. GENERATOR MAILING ADDRESS (if different from Section III above)

Street or Route Number

City or Town

State

ZIP Code

County

VI. GENERATOR CONTACT

GORDON J LOUTTIT JR
Name

VICE PRESIDENT ASSISTANT GENERAL COUNCIL
Title

213 475-9411
Area Code Phone Number

VII. This EPA Number is only for hazardous waste hauling/transfer station operations

☒ No

☐ Yes — Do not complete the remainder of this form.
Sign below in Section VIII and return this page to Department of Health Services.

VIII. I certify, under penalty of law, that as a senior officer I have personally examined and am familiar with the information submitted in this and all attached documents and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

A. Please print: Last Name	First Name	M.I.	Title
BRICKER	TIMOTHY	S.	HAZARDOUS MATERIAL SPECIALIST

B. Signature

Timothy S. Bricker

Date of Signature: 03 (Month) 25 (Day) 88 (Year)

IX. GENERATOR STATUS: This section is to be completed only by companies which generate hazardous waste.

A. Does this site have an active EPA Generator Notification Statement on file?
- ☐ No—STOP. Do not complete rest of this section. Skip to Section X.
- ☒ Yes—Go to B.

B. Was any hazardous waste generated at the site during 1987?
- ☐ No—Check appropriate boxes below, then go to E.
- ☒ 1. Generated prior to 1987 but do not expect to generate in the future because. CHECK ONE BOX BELOW.
  - ☐ a. Waste was from one-time event(s) (e.g., spills, remedial actions, etc.)
  - ☐ b. Processes or products changed.
  - ☐ c. Out of business.
- ☐ 2. Generated prior to 1987 and expect to generate in the future.
- ☐ 3. Never generated before but expect to generate in the future.
- ☐ 4. Never generated and do not expect to generate in the future because. CHECK ONE BOX BELOW.
  - ☐ a. Protective notifier only.
  - ☐ b. Misunderstood the requirements.
  - ☐ c. Notified to secure transportation services.
  - ☐ d. Other. EXPLAIN IN COMMENTS.

Yes—Go to C.

C. How much waste was generated at the site during 1987?
- ☐ 1. More than 1000 kg in any month.
- ☐ 2. More than 100 kg but less than 1000 kg a month.
- ☐ 3. No more than 100 kg in any month.

D. Were RCRA exempt hazardous wastes generated at the site during 1987?
- ☒ No
- ☐ Yes

E. Do you wish to withdraw the site's EPA Generator Notification Statement?
- ☒ No
- ☐ Yes

X. FACILITY STATUS: If hazardous wastes were treated, stored, recycled, or disposed at this site in 1987 under ISD or permit from EPA or the State Toxics division, *STOP*. You must obtain and complete the facility hazardous waste report form.

XI. WASTE IN TEMPORARY STORAGE

Quantity of hazardous waste on site, January 1, 1987 [0] [ ] [ ] [ ] [ ] [ ] [0] [ ]

Quantity of hazardous waste on site, December 31, 1987 [0] [ ] [ ] [ ] [ ] [ ] [0] [ ] UOM

XII. COMMENTS

WASTE GENERATED WAS WASTE ASSOCIATED WITH OR AS A RESULT OF CLOSURE

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: BERMITE DIVISION
WHITTAKER CORPORATION

EPA ID NO. | C | A | D | 0 | 6 | 4 | 5 | 7 | 3 | 1 | 0 | 8 |

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Report

FORM WM

WASTE MINIMIZATION

PART I

WHO MUST COMPLETE THIS FORM?

Form WM Part I, describing efforts undertaken to implement waste minimization programs, must be completed by all generators required to file an Annual/Biennial Report. This requirement was established in response to statutory provisions included in the Hazardous and Solid Waste Amendments of 1984 (HSWA).

NOTE: Generators shipping hazardous waste off site are required to certify, on item 16 of the Uniform Hazardous Waste Manifest, that they have a program in place to reduce, to the degree determined economically practicable, the volume and toxicity of hazardous waste generated. A similar certification must also be made by generators who have obtained a RCRA treatment, storage, or disposal permit. Consistent with these certification requirements, generators must report, on Form WM Part I, the efforts undertaken to implement waste minimization programs.

INSTRUCTIONS:

Please read the detailed instructions before completing this form.

Answer questions 1 through 10. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

1. Did this site create or expand a source reduction and recycling program?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Create	☐	XX	☐	X	☐	X
Expand	☐	XX	☐	X	☐	X

2. Did this site have a written policy or statement that outlined goals, objectives and methods for source reduction and recycling of hazardous waste?

	1987	1986	Prior Years
Yes	☐	☐	☐
No	X	X	XX

3. What was the dollar amount of capital expenditures (plant and equipment) and operating costs devoted to source reduction and recycling of hazardous waste? ENTER ZERO (0) IF NONE.

	1987	1986	Prior Years
Capital expenditures	$ 0	$ 0	$ 0
Operating costs	$ 0	$ 0	$ 0

4. Did this site have an employee training program or provide incentives (bonuses, awards, personal recognition, etc.) to identify and implement source reduction and recycling opportunities and activities?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Training	☐	X	☐	X	☐	X
Incentives	☐	X	☐	X	☐	X

5. Did this site conduct a source reduction and/or recycling opportunity assessment or audit? Note: an opportunity assessment or audit is a procedure that identifies practices that can be implemented to reduce the generation of hazardous waste or the quantity which must subsequently be treated, stored or disposed.

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Site-Wide	☐	☒	☐	☒	☐	☒
Process-Specific	☐	☒	☐	☒	☐	☒

6. Did this site identify or implement new SOURCE REDUCTION opportunities to reduce the volume and/or toxicity of hazardous waste generated at this site?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Identify	☐	☒	☐	☒	☐	☒
Implement	☐	☒	☐	☒	☐	☒

7. What factors have delayed or prevented implementation of SOURCE REDUCTION opportunities. MARK ☒ NEXT TO ALL THAT APPLY.

- ☐ a. Insufficient capital to install new source reduction equipment or implement new source reduction practices.
- ☐ b. Lack of technical information on source reduction techniques, applicable to my specific production processes.
- ☐ c. Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- ☐ d. Concern that product quality may decline as a result of source reduction.
- ☐ e. Technical limitations of the production processes.
- ☐ f. Permitting burdens.
- ☒ g. Other (SPECIFY) FACILITY IS CLOSED

8. Did this site identify or implement new RECYCLING opportunities to reduce the volume and/or toxicity of hazardous waste generated at this site or subsequently treated, stored, or disposed of on site or off site?

	1987		1986		Prior Years	
	Yes	No	Yes	No	Yes	No
Identify	☐	☒	☐	☒	☐	☒
Implement	☐	☒	☐	☒	☐	☒

9. What factors have delayed or prevented implementation of on-site or off-site RECYCLING opportunities. MARK [X] NEXT TO ALL THAT APPLY.

- [ ] a. Insufficient capital to install new recycling equipment or implement new recycling practices.
- [ ] b. Lack of technical information on recycling techniques applicable to this site's specific production processes.
- [ ] c. Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment.
- [ ] d. Concern that product quality may decline as a result of recycling.
- [ ] e. Requirements to manifest wastes inhibit shipments off site for recycling.
- [ ] f. Financial liability provisions inhibit shipments off site for recycling.
- [ ] g. Technical limitations of product processes inhibit shipments off site for recycling.
- [ ] h. Technical limitations of production processes inhibit on-site recycling.
- [ ] i. Permitting burdens inhibit recycling.
- [ ] j. Lack of permitted off-site recycling facilities.
- [ ] k. Unable to identify a market for recyclable materials.
- [XX] l. Other (SPECIFY) FACILITY IS CLOSED

10. Has this site requested or received technical information or financial assistance on source reduction and/or recycling practices from any of the following sources? MARK [X] NEXT TO ALL THAT APPLY.

	1987		1986		Prior Years	
	Technical	Financial	Technical	Financial	Technical	Financial
a. Local government	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
b. State government	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
c. Federal government	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
d. Trade associations	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
e. Educational institutions	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
f. Suppliers	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
g. Other parts of your firm	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
h. Other firms/consultants	[X]	[ ]	[X]	[ ]	[X]	[ ]
i. No request made	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
j. Other (conferences, literature, etc.)_____	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

Comments:

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME _____

_____

EPA ID NO. |_|_|_|_|_|_|_|_|_|_|_|_|

N/A FACILITY IS CLOSED

U.S. ENVIRONMENTAL PROTECTION AGENCY

1987 Hazardous Waste Report

FORM WM

WASTE MINIMIZATION

PART II

WHO MUST COMPLETE THIS FORM? Form WM Part II must be completed only by generators that engaged in an activity during 1987 that resulted in waste minimization.

Waste minimization means:
(1) reduction in the volume and/or toxicity of hazardous waste generated as a result of source reduction; and/or,
(2) reduction in the volume and/or toxicity of hazardous waste subsequently treated, stored, or disposed as a result of on-site or off-site recycling.

☐ Mark ☒ and do not complete this form if no waste minimization results were achieved during 1987.

INSTRUCTIONS: Please read the detailed instructions before completing this form.

Make and complete a photocopy of this form for each hazardous waste minimized in 1987.

Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable.

Sec. I

A. EPA hazardous waste code	B. State hazardous waste code	C. Product or service description	D. Product or service SIC code
|_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_|	|_|_|_|_|_| |_|_|_|_|_|		|_|_|_|_|

E. Waste form code	F. UOM	G. Density	H. Source description:	I. Source code
|_|_|_|	|_|	|_|_| . |_|_| ☐ lbs/gal ☐ sg		|_|_|

Sec. II

A. 1986 quantity generated	B. 1987 quantity generated	C. Production ratio	D. Toxicity change code
|_|_|_|_|_|_|_|_|_|	|_|_|_|_|_|_|_|_|_|	|_|_| . |_|_|	|_|

E. Waste minimization: recycling		F. Waste minimization: source reduction	
Code 1. |_| 2. |_|	Quantity recycled |_|_|_|_|_|_|_|_|_|	Code 1. |_| 2. |_| 3. |_|	Quantity prevented |_|_|_|_|_|_|_|_|

Sec. III

A. Narrative description of waste minimization project or activity and results achieved

OVER —>

Sec. IV.	**Instructions:** Answer questions 1 through 4. Mark ☒ next to the effects produced by the source reduction and/or recycling activity reported on this form in Sections I through III. N/A FACILITY IS CLOSED

1. What effect did this site's source reduction and/or recycling activity have on the **quantity** of **water effluent** produced by hazardous waste generation processes during 1987?

   ☐ a. Increase in the quantity of water effluent
   ☐ b. Decrease in the quantity of water effluent
   ☐ c. No effect on the quantity of water effluent
   ☐ d. Don't know

2. What effect did this site's source reduction and/or recycling activity have on the **toxicity** of **water effluent** produced by hazardous waste generation processes during 1987?

   ☐ a. Increase in the concentration of hazardous constituents
   ☐ b. Decrease in the concentration of hazardous constituents
   ☐ c. No effect on the concentration of hazardous constituents
   ☐ d. Don't know

3. What effect did this site's source reduction and/or recycling activity have on the **quantity** of **air emissions** produced by hazardous waste generation processes during 1987?

   ☐ a. Increase in the quantity of air emissions
   ☐ b. Decrease in the quantity of air emissions
   ☐ c. No effect on the quantity of air emissions
   ☐ d. Don't know

4. What effect did this site's source reduction and/or recycling activity have on the **toxicity** of the **air emissions** produced by hazardous waste generation processes during 1987?

   ☐ a. Increase in the concentration of hazardous constituents
   ☐ b. Decrease in the concentration of hazardous constituents
   ☐ c. No effect on the concentration of hazardous constituents
   ☐ d. Don't know

Comments:

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD064517311018

II. SIC CODE: 3141819

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 1314 EPA HAZARDOUS WASTE CODE: NON RCRA

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 1010 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead	2	X	
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	94.010
Percent Solid	6.00
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

his report is for the calendar year ending December 31, 1987

aste Composition — GENERATOR REPORT

omplete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the orm for each waste stream that is generated and treated at the same facility (onsite).

he purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land isposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD064517311018

II. SIC CODE: 3141819

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 271 — EPA HAZARDOUS WASTE CODE: NON RCRA

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 31910 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloro-ethane			
Phenol			
Stoddard			
Toluene			
111-Trichloro-ethane			
112-Trichloro-ethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other: BUTAREZ	1010		X

F. MISCELLANEOUS

Percent Water

Percent Solid

Heating Value BTU/LB

Density SPGR

pH

% VOC

Flashpoint °F

DHS 8363A (1/88)

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

his report is for the calendar year ending December 31, 1987

aste Composition

GENERATOR REPORT

omplete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the orm for each waste stream that is generated and treated at the same facility (onsite).

'he purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land lisposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD064617 3108

II. SIC CODE: 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 135

EPA HAZARDOUS WASTE CODE: D010

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 2000 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead	3	X	
Mercury			
Nickel			
Selenium			
Silver	2	X	
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	92.00
Percent Solid	8.00
Heating Value	BTU/LB
Density	. SPGR
pH	.
% VOC	.
Flashpoint	°F

DHS 8363A (1/88)

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

his report is for the calendar year ending December 31, 1987

aste Composition — GENERATOR REPORT

omplete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the orm for each waste stream that is generated and treated at the same facility (onsite).

he purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land isposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD064517311081

II. SIC CODE: 3141819
Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 2161 — EPA HAZARDOUS WASTE CODE: NON RCRA

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☒ No ☐

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 12151610 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐
TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease	50		X
PCB			
Perchloro-ethane			
Phenol			
Stoddard			
Toluene			
111-Trichloro-ethane			
112-Trichloro-ethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	
Percent Solid	
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

his report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the orm for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER
CAD064517311018

II. SIC CODE 3|4|8|9|
Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE 5|9|1|

EPA HAZARDOUS WASTE CODE | | | | | NON RCRA

IV. DOES WASTE CONTAIN FREE LIQUIDS?
Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE?
Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987
Amount (Whole numbers only): 35 UOM: C

VII. WASTE TO BE TREATED? ☐
TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE
List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%
BAGHOUSE WASTE	100		X

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloro-ethane			
Phenol			
Stoddard			
Toluene			
111-Trichloro-ethane			
112-Trichloro-ethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water | | | . | | |

Percent Solid 100.00

Heating Value | | | | | | BTU/LB

Density | | | | . | | | SPGR

pH | | . | | |

% VOC | | | . | | |

Flashpoint | | | | °F

DHS 8363A (1/88)

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

his report is for the calendar year ending December 31, 1987

/aste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the orm for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land lisposal restrictions.

I. FACILITY EPA I.D. NUMBER
CAD064571311018

II. SIC CODE 3141819
Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE 3131 EPA HAZARDOUS WASTE CODE D001 D011

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes XX No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☆

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987
112815 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐
TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE
List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			
_____			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			
_____			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			
_____			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease	510		X
PCB			
Perchloro-ethane			
Phenol			
Stoddard			
Toluene			
111-Trichloro-ethane			
112-Trichloro-ethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other: RESINS	50		X

F. MISCELLANEOUS

Percent Water		
Percent Solid		
Heating Value		BTU/LB
Density		SPGR
pH		
% VOC		
Flashpoint		°F

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

his report is for the calendar year ending December 31, 1987

/aste Composition — GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the orm for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD064517311018

II. SIC CODE: 3141819

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 21213 — EPA HAZARDOUS WASTE CODE: D001

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 1250 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐ TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease	30		
PCB			
Perchloro-ethane			
Phenol			
Stoddard			
Toluene			
111-Trichloro-ethane			
112-Trichloro-ethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other: KEROSENE	70		

F. MISCELLANEOUS

Percent Water

Percent Solid

Heating Value BTU/LB

Density SPGR

pH

% VOC

Flashpoint °F

DHS 8363A (1/88)

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD064517311018

II. SIC CODE: 3141819

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 512 EPA HAZARDOUS WASTE CODE: NON RCRA

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 73 (Amount (Whole numbers only)) C (UOM)

VII. WASTE TO BE TREATED? ☐ TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease	12		X
PCB			
Perchloro-ethane			
Phenol			
Stoddard			
Toluene			
111-Trichloro-ethane			
112-Trichloro-ethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			
RESINS	12		X

F. MISCELLANEOUS

Percent Water	
Percent Solid	100.00
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

DHS 8363A (1/88)

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

his report is for the calendar year ending December 31, 1987

/aste Composition — GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the orm for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD064517311018

II. SIC CODE: 3141819
Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 5151 — EPA HAZARDOUS WASTE CODE: D001 D002

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 314 (Amount (Whole numbers only)) C (UOM)

VII. WASTE TO BE TREATED? ☐
TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE
List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

LAB PACKS	Concentration Amount	PPM	%
RESINS	215		V
CORROSIVES	215		V
POISONS	215		X
OXIDIZERS	215		V

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloro-ethane			
Phenol			
Stoddard			
Toluene			
111-Trichloro-ethane			
112-Trichloro-ethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water: .
Percent Solid: 96.00
Heating Value: BTU/LB
Density: SPGR
pH: .
% VOC: .
Flashpoint: °F

DHS 8363A (1/88)

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD064517311018

II. SIC CODE: 3141819

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 352 EPA HAZARDOUS WASTE CODE: D001

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☒ No ☐

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 112000 (Amount (Whole numbers only)) P (UOM)

VII. WASTE TO BE TREATED? ☐ TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%
RESINS	70		X
PAINTS	30		Y

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	
Percent Solid	93.00
Heating Value	BTU/LB
Density	SPGR
pH	
% VOC	
Flashpoint	°F

DHS 8363A (1/88)

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

This report is for the calendar year ending December 31, 1987

Waste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the form for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER: CAD064517311081

II. SIC CODE: 3141819

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE: 214 EPA HAZARDOUS WASTE CODE: D001

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☒ No ☐

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987: 113910 (Amount (Whole numbers only)) G (UOM)

VII. WASTE TO BE TREATED? ☐ TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone	20		X
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK	20		X
Oils/Grease			
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water

Percent Solid

Heating Value BTU/LB

Density SPGR

pH

% VOC

Flashpoint °F

DHS 8363A (1/88)

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

his report is for the calendar year ending December 31, 1987

/aste Composition

GENERATOR REPORT

:omplete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the orm for each waste stream that is generated and treated at the same facility (onsite).

'he purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land lisposal restrictions.

I. FACILITY EPA I.D. NUMBER
CAD064517311081

II. SIC CODE 3141819
Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE 611 1

EPA HAZARDOUS WASTE CODE D001 D008

IV. DOES WASTE CONTAIN FREE LIQUIDS?
Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE?
Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987
4516 (Amount (Whole numbers only)) C (UOM)

VII. WASTE TO BE TREATED? ☐
TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE
List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead	10	X	
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease			
PCB			
Perchloro-ethane			
Phenol			
Stoddard			
Toluene			
111-Trichloro-ethane			
112-Trichloro-ethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water

Percent Solid 100.00

Heating Value BTU/LB

Density SPGR

pH

% VOC

Flashpoint °F

DHS 8363A (1/88)

GENERATOR HAZARDOUS WASTE REPORT FOR 1987

'his report is for the calendar year ending December 31, 1987

Vaste Composition

GENERATOR REPORT

Complete a separate copy of this form for each treatment process residue manifested to an offsite facility. Complete a separate copy of the orm for each waste stream that is generated and treated at the same facility (onsite).

The purpose of this data is to provide composition data for waste streams which can be used to assess siting needs and impacts of land disposal restrictions.

I. FACILITY EPA I.D. NUMBER CAD064573108

II. SIC CODE 3489

Use SIC code from attached list which is most applicable to this site.

III. CALIFORNIA WASTE CATEGORY CODE 181

EPA HAZARDOUS WASTE CODE D001

IV. DOES WASTE CONTAIN FREE LIQUIDS? Yes ☐ No ☒

V. WAS WASTE SHIPPED OUT OF STATE? Yes ☐ No ☒

VI. QUANTITY OF WASTE FOR CALENDAR YEAR 1987 163810 (Amount (Whole numbers only)) P (UOM)

VII. WASTE TO BE TREATED? ☐

TREATMENT RESIDUE? ☐

VIII. COMPOSITION OF WASTE

List only those constituents which are present in the waste prior to the initiation treatment or are present in the treatment residue.

A. METALS

	Concentration Amount	PPM	%
Aluminum			
Arsenic			
Barium			
Cadmium			
Calcium			
Chromium (+3)			
Chromium (+6)			
Copper			
Gold			
Lead			
Mercury			
Nickel			
Selenium			
Silver			
Thallium			
Zinc			
Other:			

B. REACTIVE ANIONS

	Concentration Amount	PPM	%
Azide			
Bromate			
Cyanide			
Fluoride			
Hypochlorite			
Nitrite			
Sulfide			
Other:			

C. ACIDS

	Concentration Amount	PPM	%
Acetic			
Boric			
Chromic			
Citric			
Cyanic			
Fluoroboric			
Formic			
Hydrochloric			
Hydrofluoric			
Nitric			
Perchloric			
Phosphoric			
Sulfonic			
Sulfuric			
Other:			

D. BASES AND OTHER HAZARDOUS CONSTITUENTS

	Concentration Amount	PPM	%

E. ORGANICS

	Concentration Amount	PPM	%
Acetone			
Benzene			
Chloroform			
Creosote			
Freon			
Hexane			
MEK			
Oils/Grease	2		X
PCB			
Perchloroethane			
Phenol			
Stoddard			
Toluene			
111-Trichloroethane			
112-Trichloroethylene			
Xylene			
Butanol			
Ethanol			
Isopropanol			
Methanol			
Other:			

F. MISCELLANEOUS

Percent Water	.	
Percent Solid	100.00	
Heating Value		BTU/LB
Density	.	SPGR
pH	.	
% VOC	.	
Flashpoint		°F

DHS 8363A (1/88)